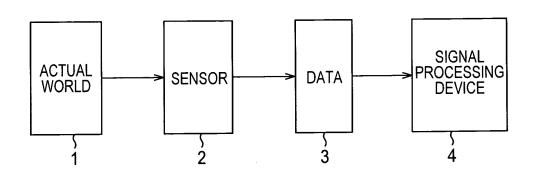
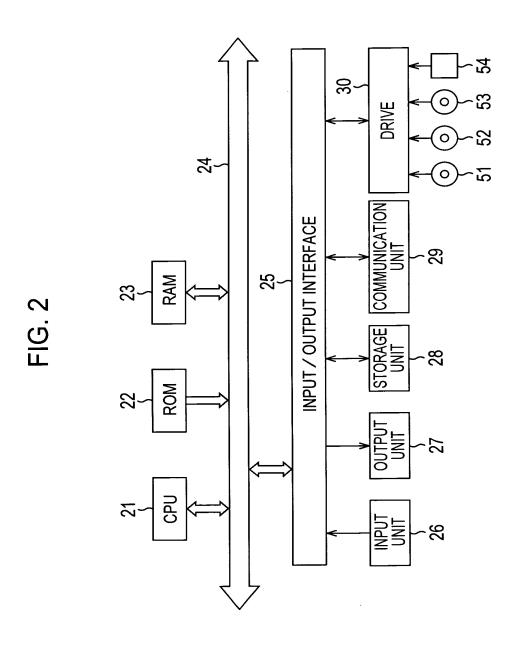
FIG. 1



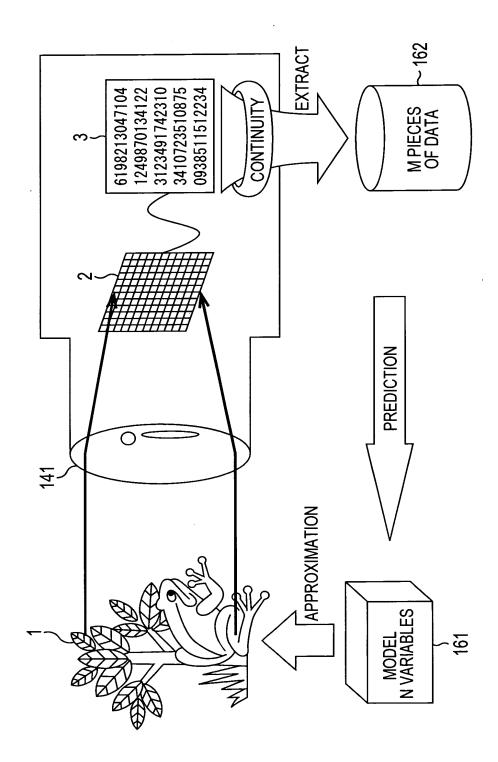
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FIG. 5

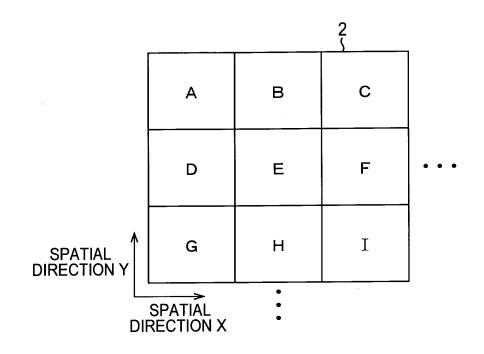


FIG. 6

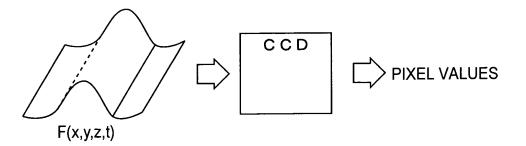


FIG. 7

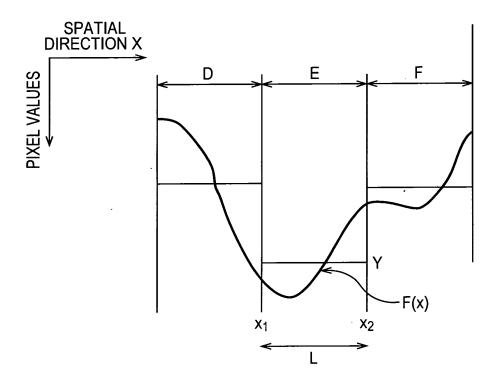


FIG. 8

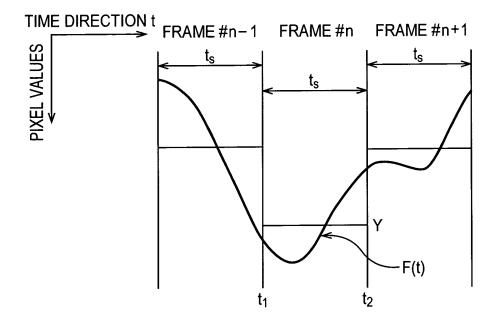
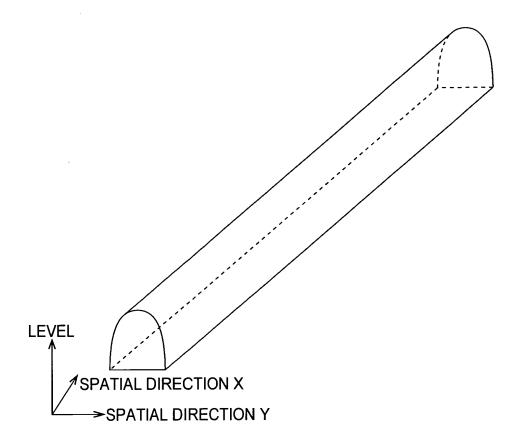
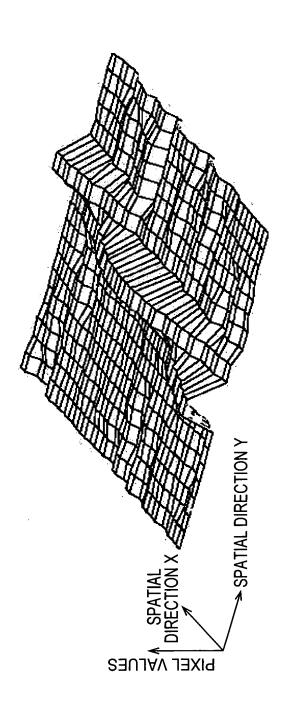


FIG. 9









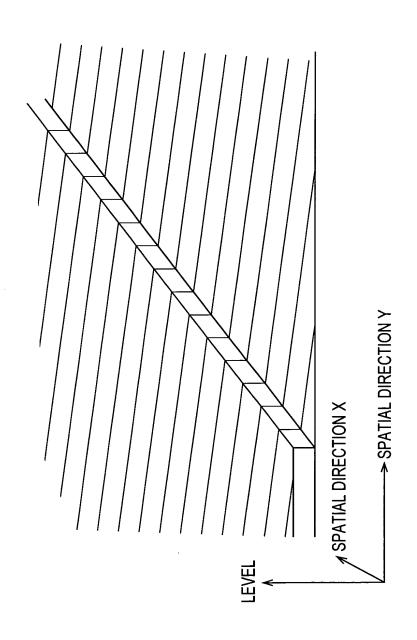
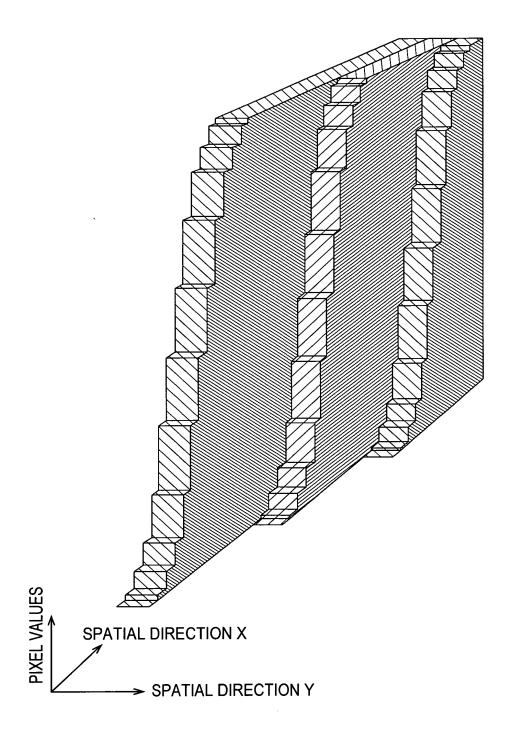
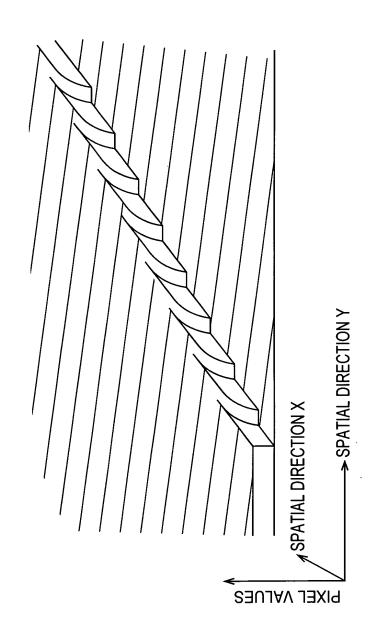


FIG. 12







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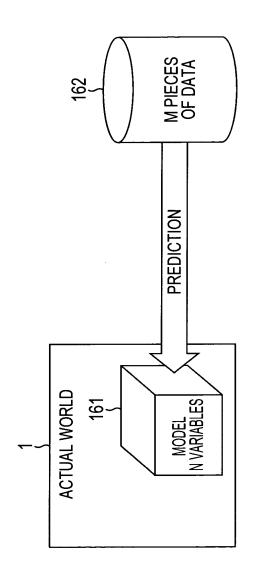
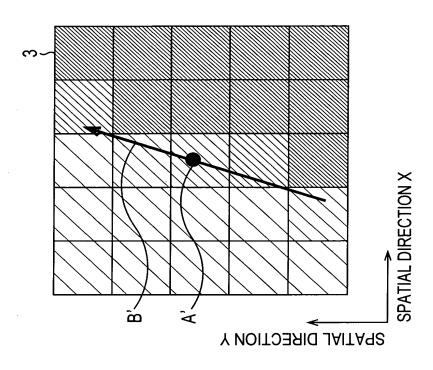
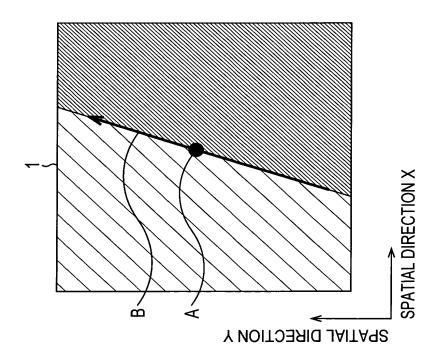


FIG. 14

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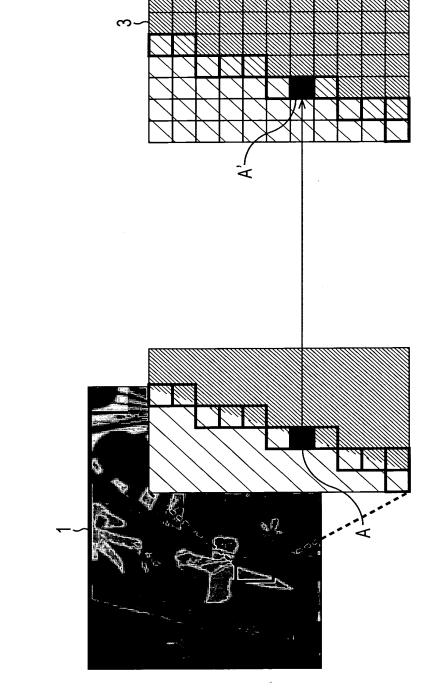
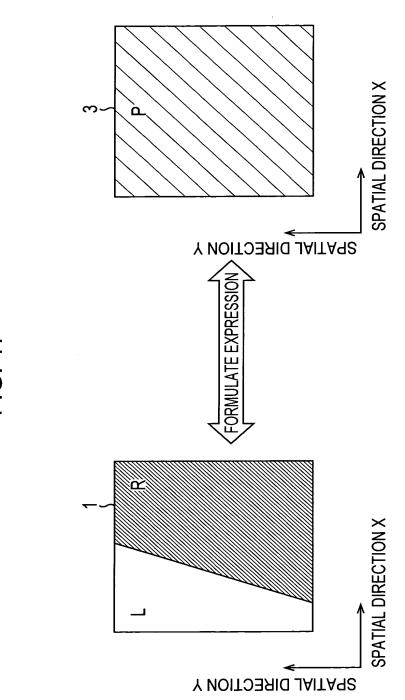


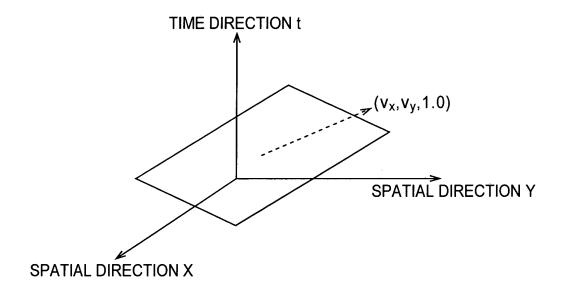
FIG. 16

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FIG. 18



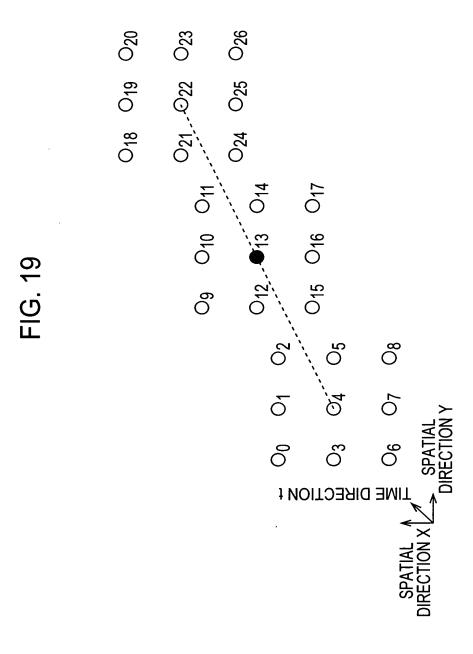


FIG. 20

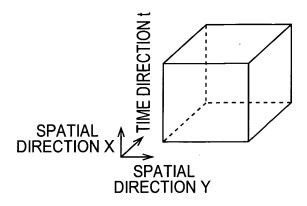


FIG. 21

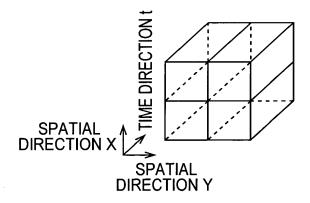


FIG. 22

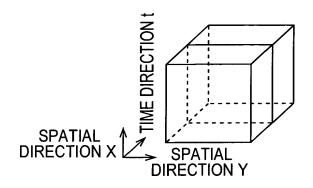


FIG. 23

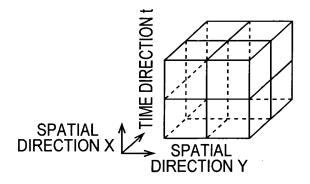


FIG. 24

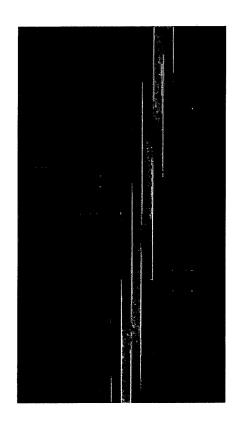


FIG. 25

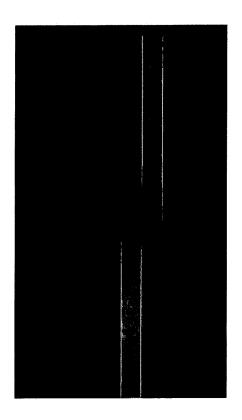


FIG. 26

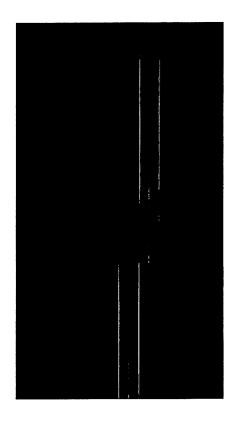


FIG. 27

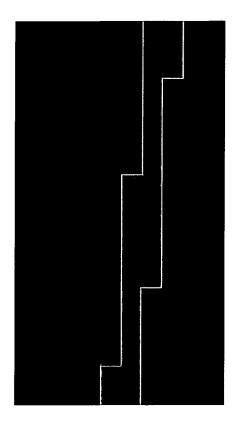


FIG. 28

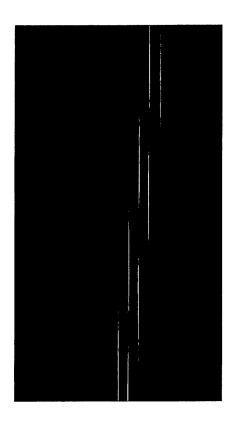
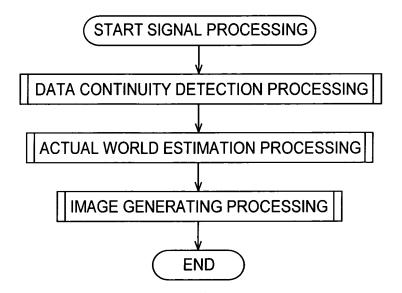


FIG. 29



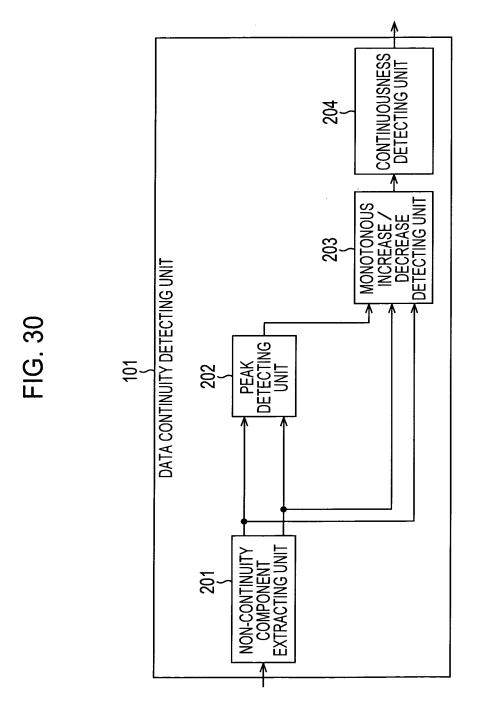


FIG. 31

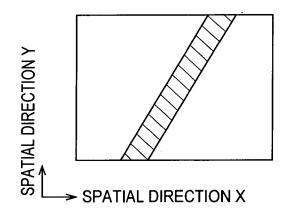


FIG. 32

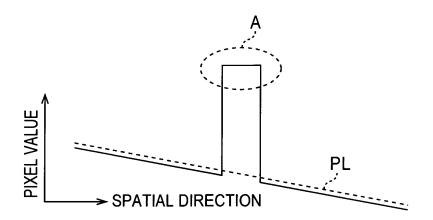


FIG. 33

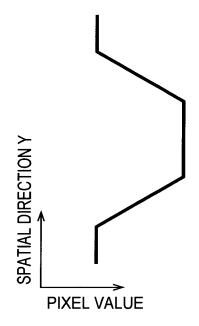


FIG. 34

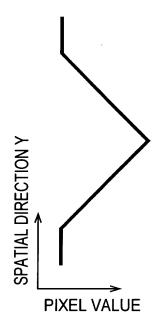
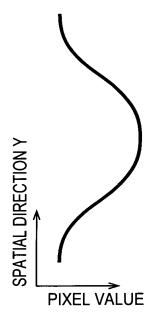
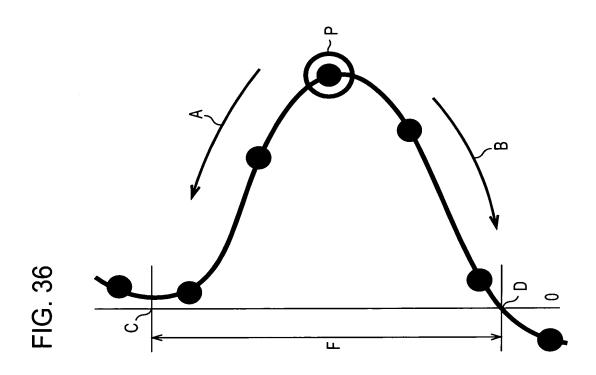


FIG. 35



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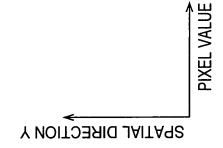


FIG. 37

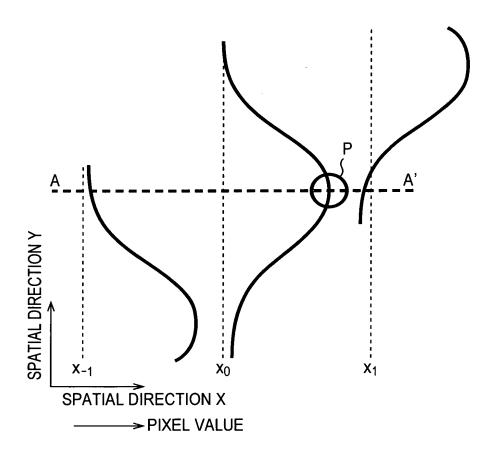
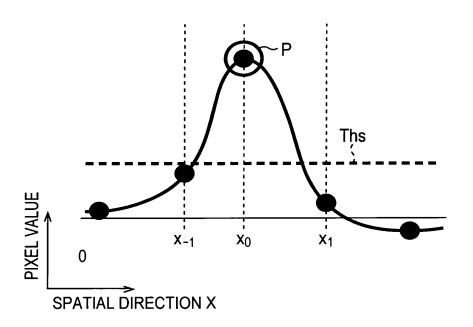
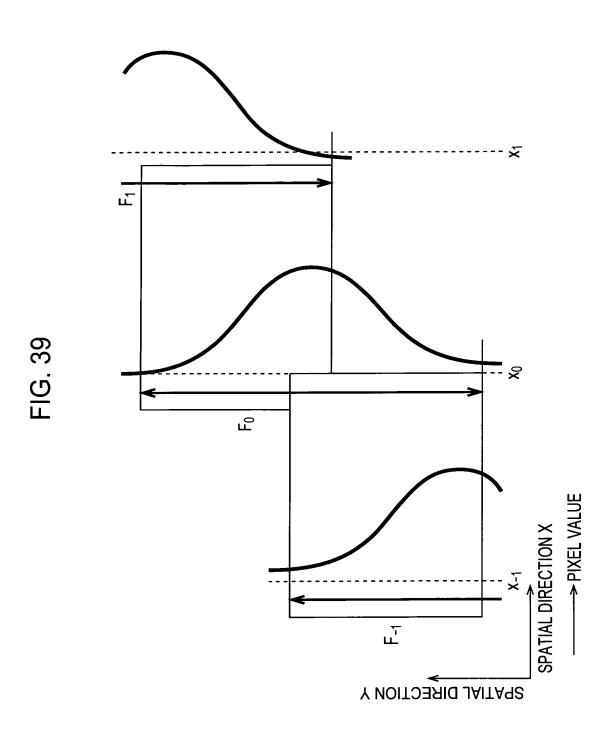


FIG. 38



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FIG. 40

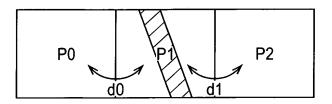


FIG. 41

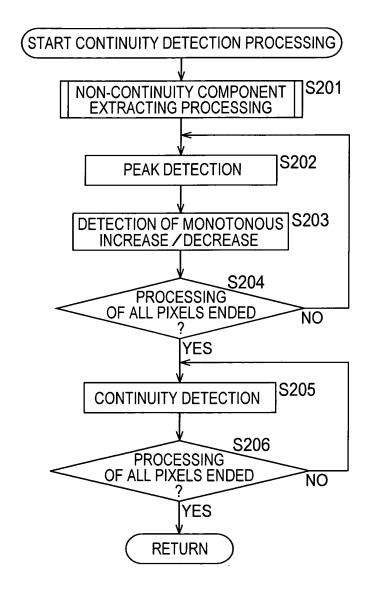
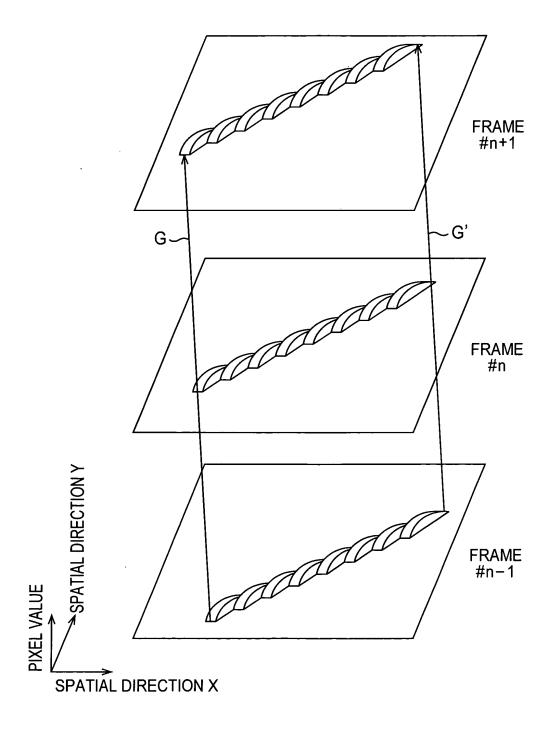


FIG. 42



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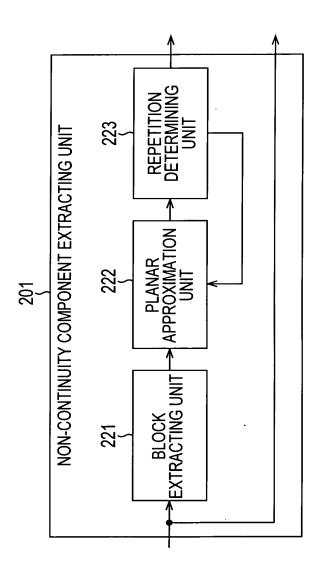


FIG. 43

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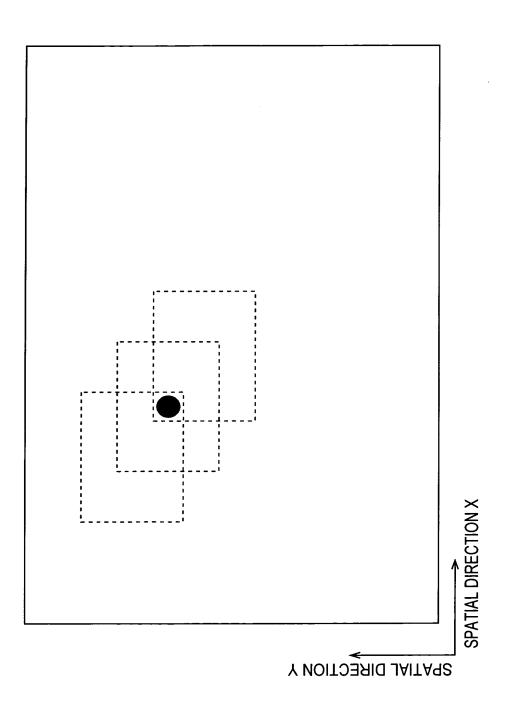


FIG. 44

FIG. 45

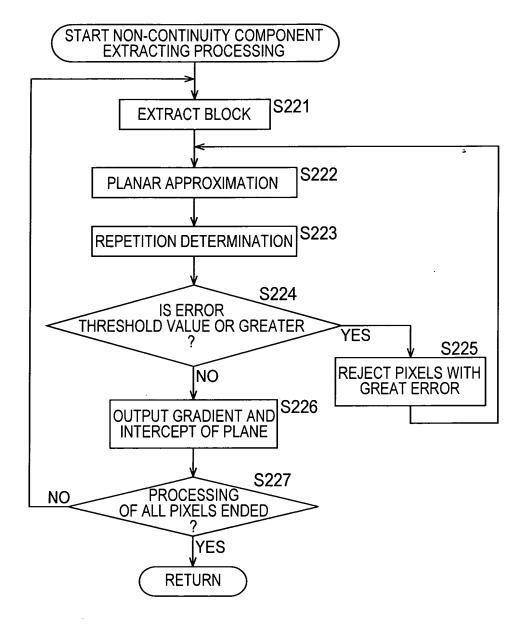


FIG. 46

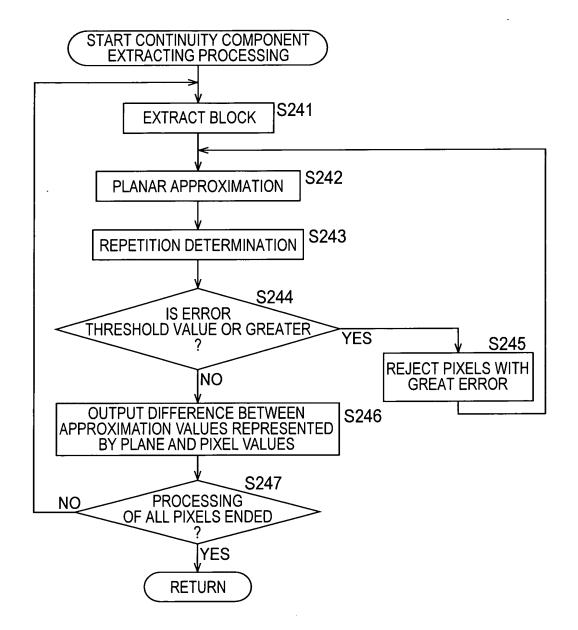


FIG. 47

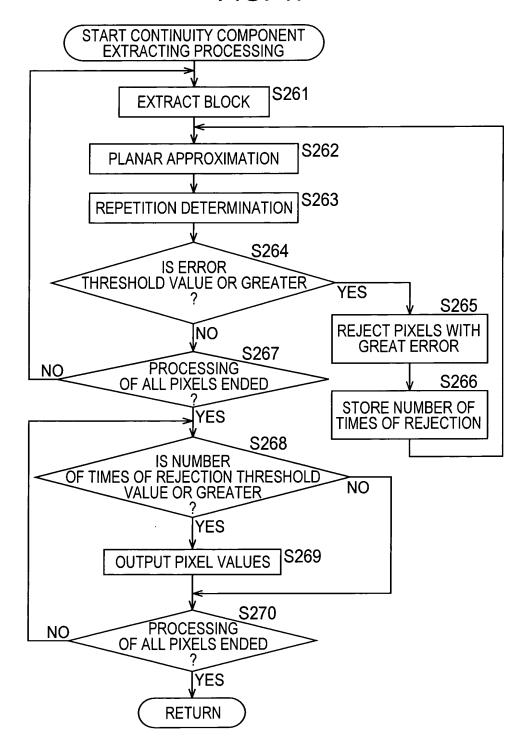
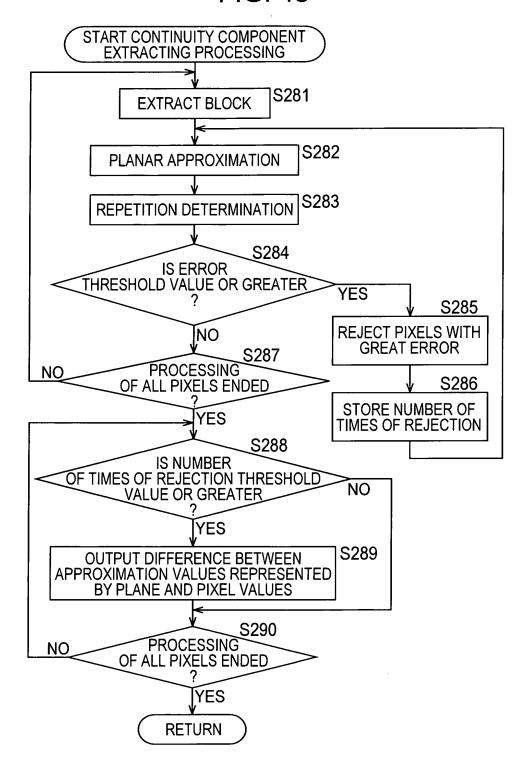
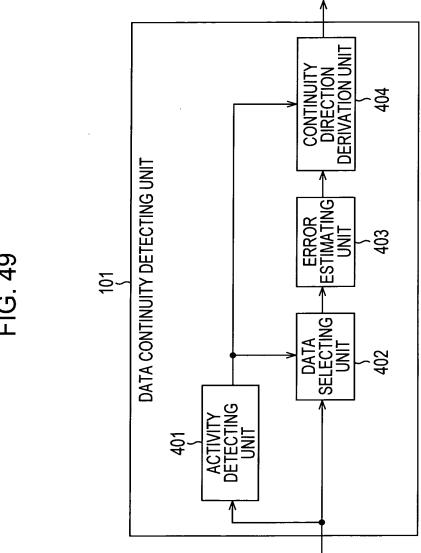


FIG. 48

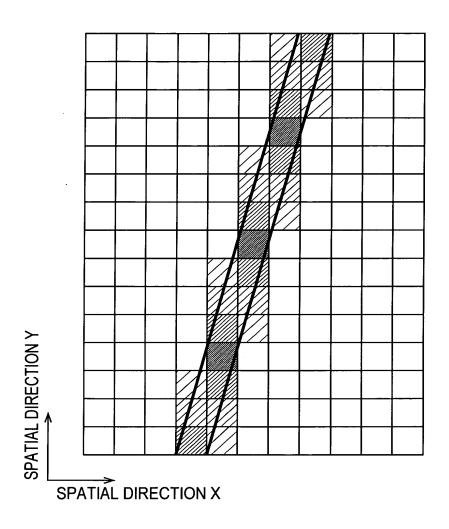


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FIG. 50



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FIG. 51

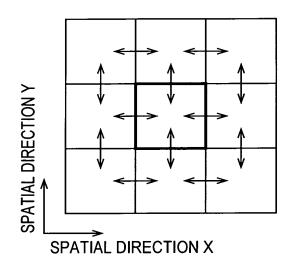
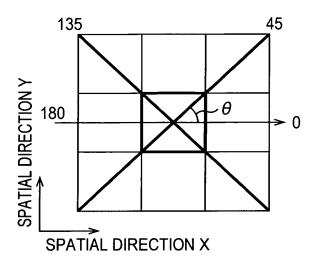


FIG. 52



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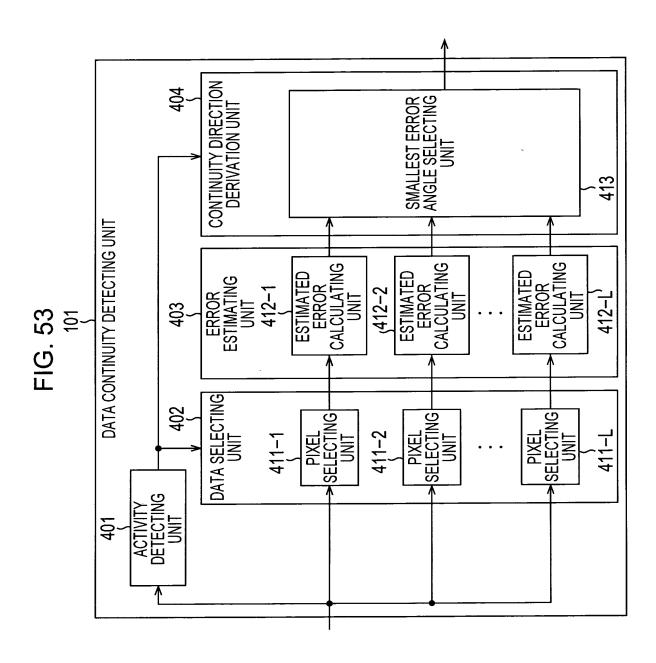
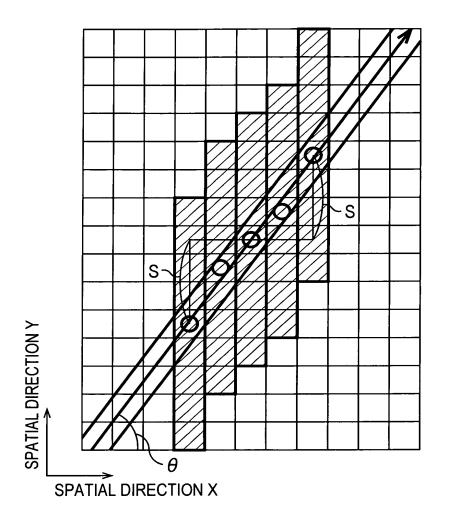


FIG. 54



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FIG. 55

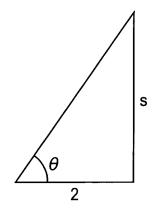


FIG. 56

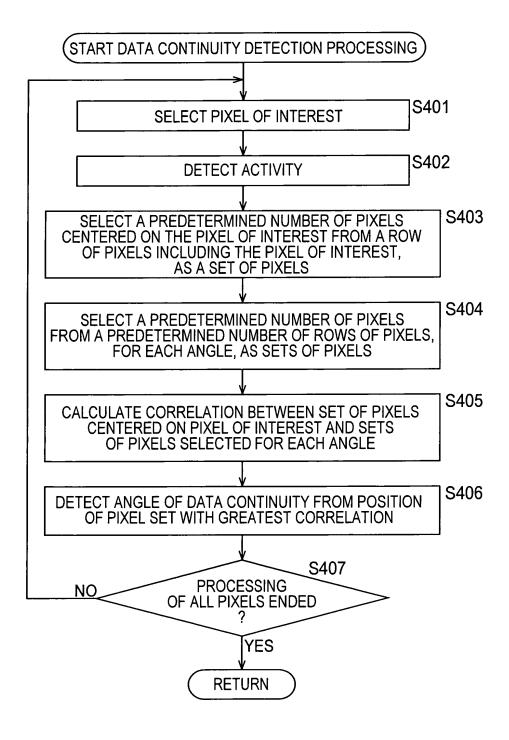
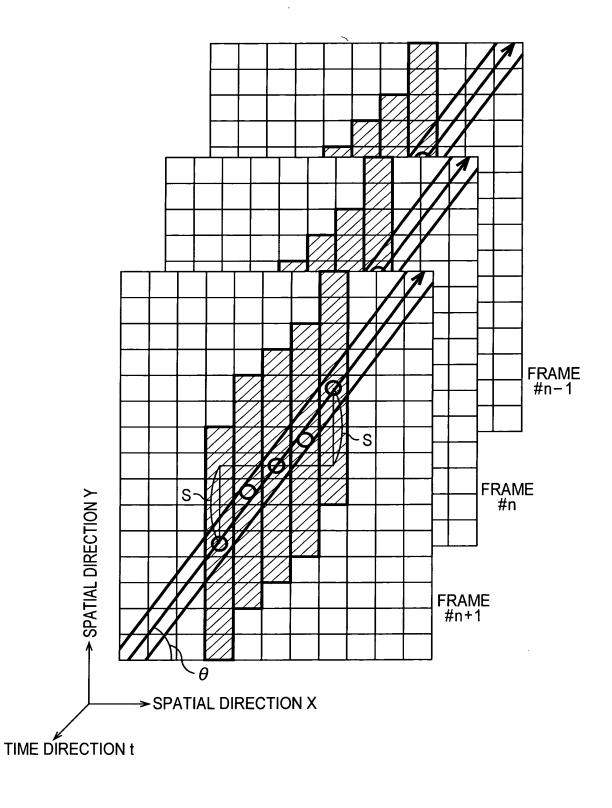
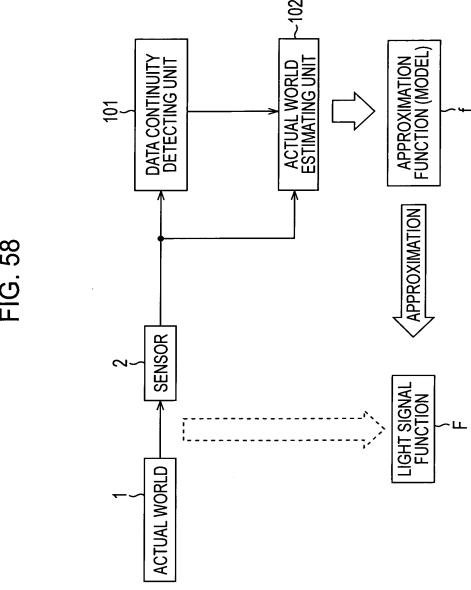
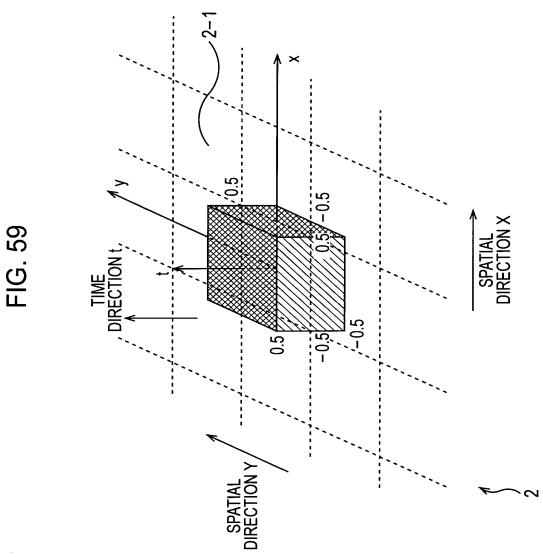


FIG. 57

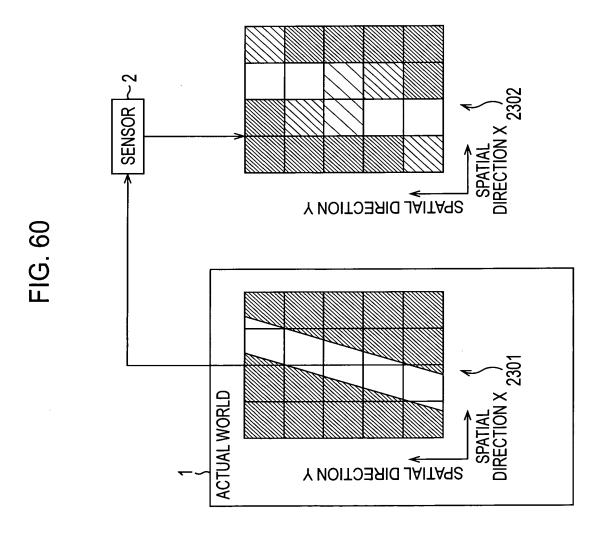




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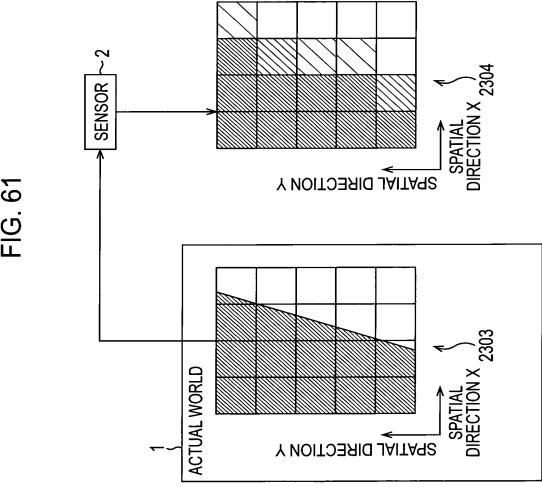
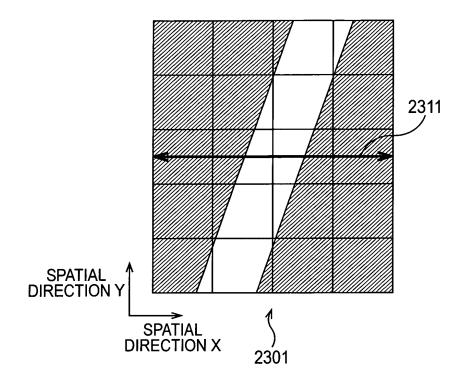


FIG. 62



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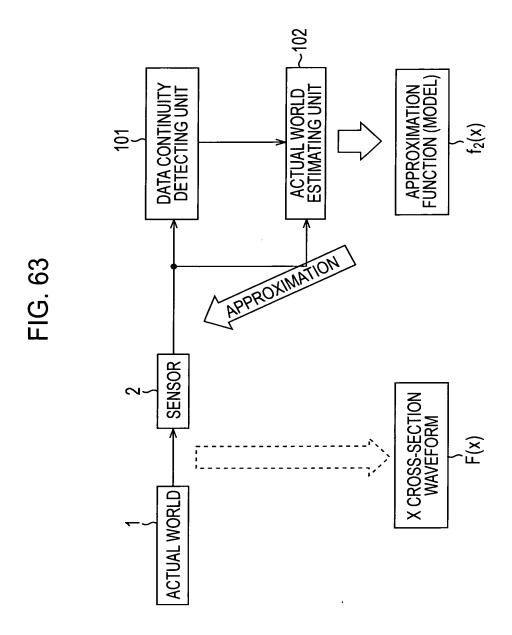


FIG. 64

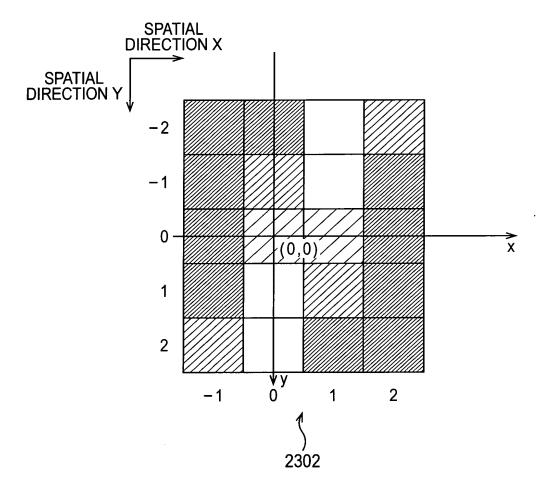


FIG. 65

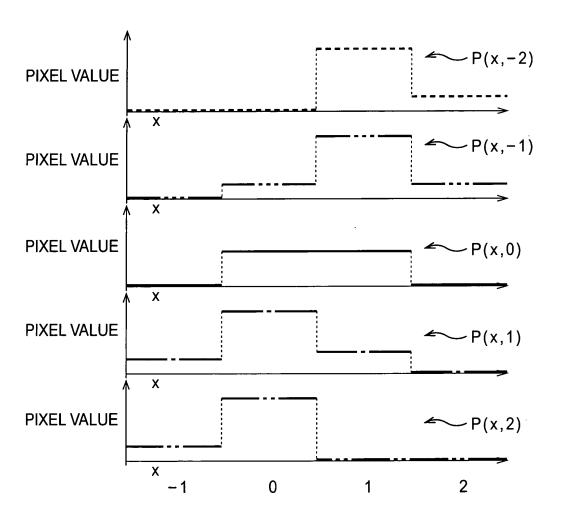
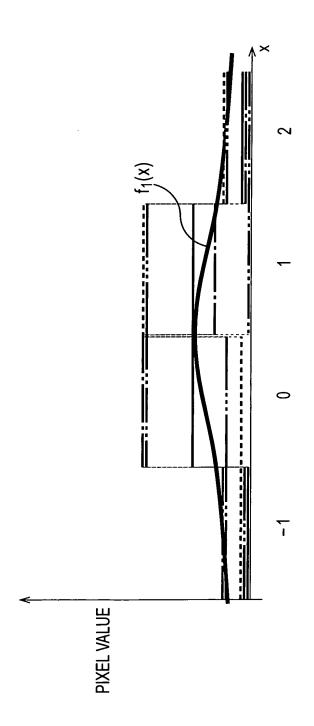


FIG. 66



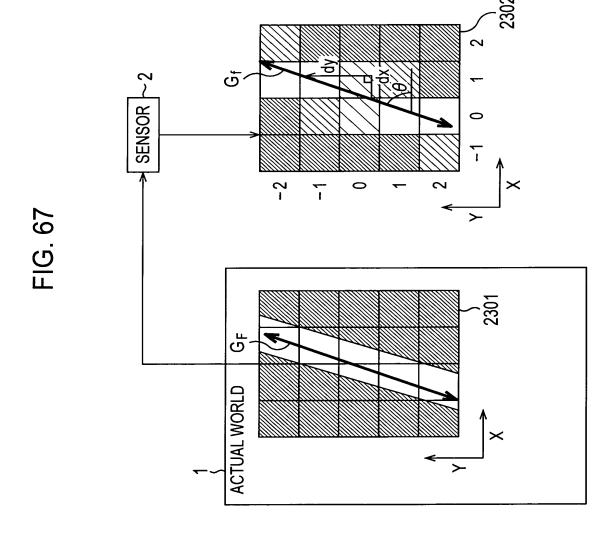
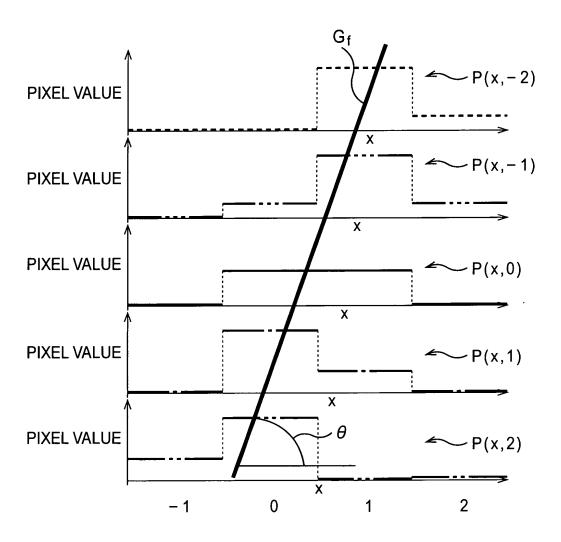
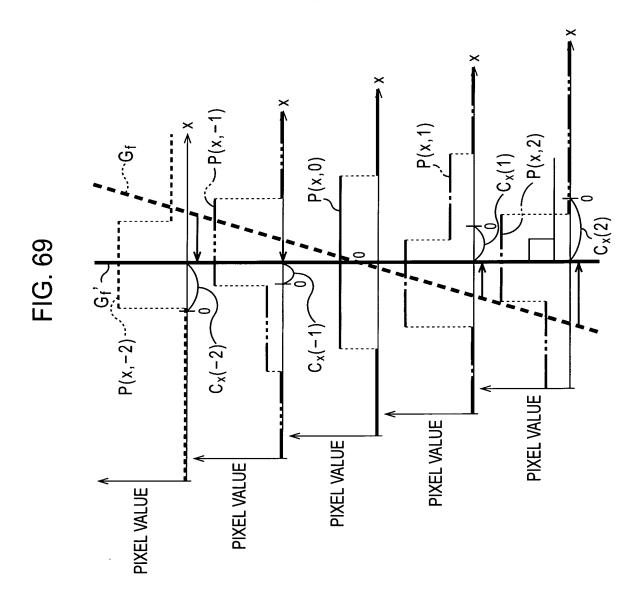


FIG. 68





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FIG. 71

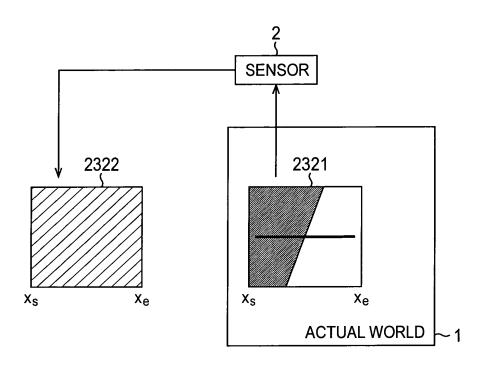


FIG. 72

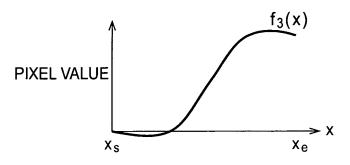
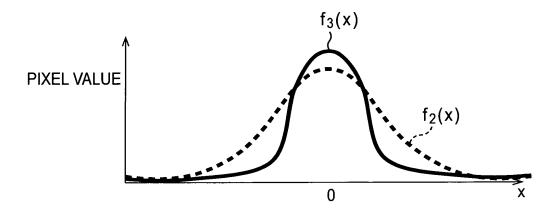


FIG. 73



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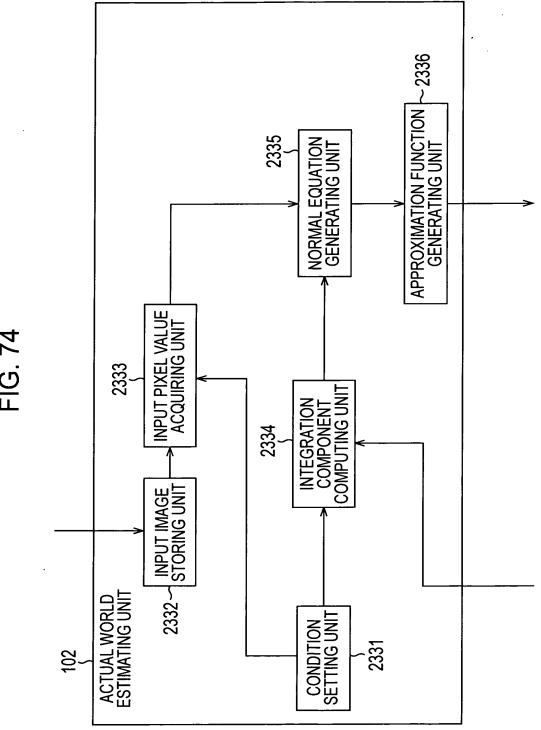


FIG. 75

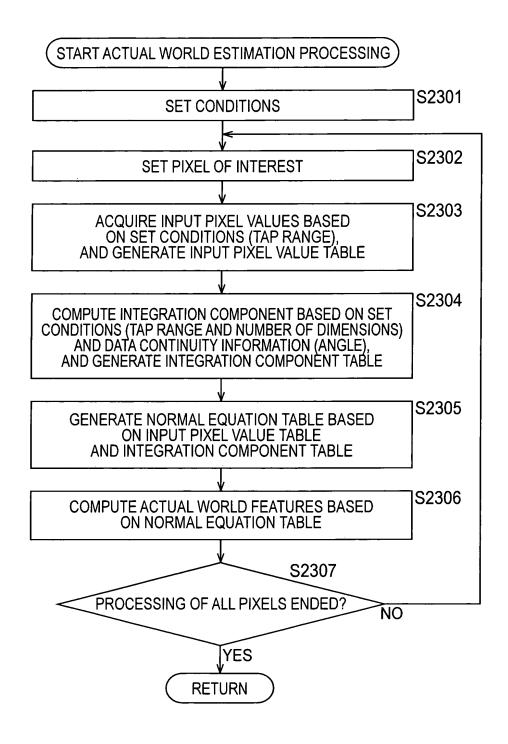


FIG. 76

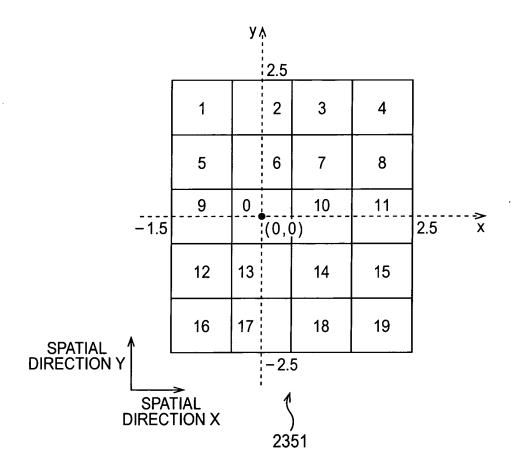
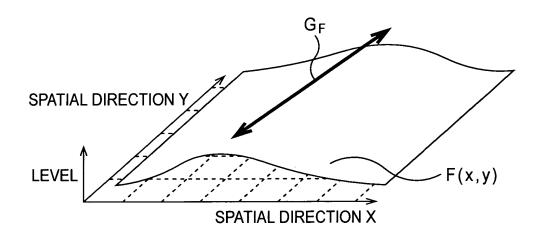
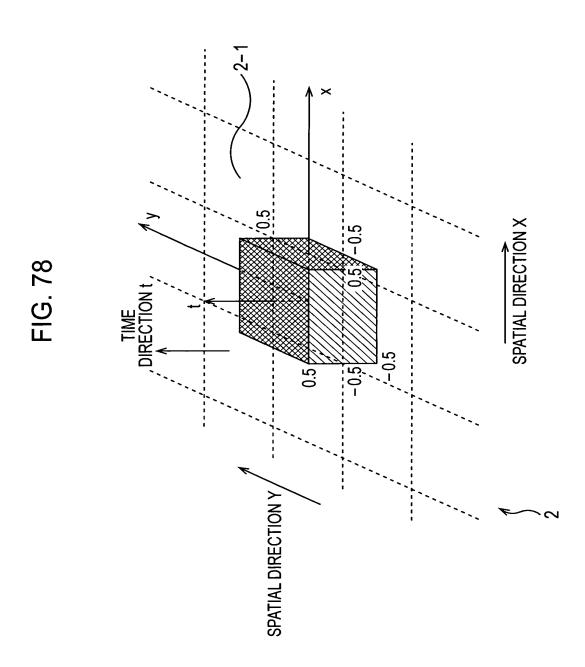


FIG. 77



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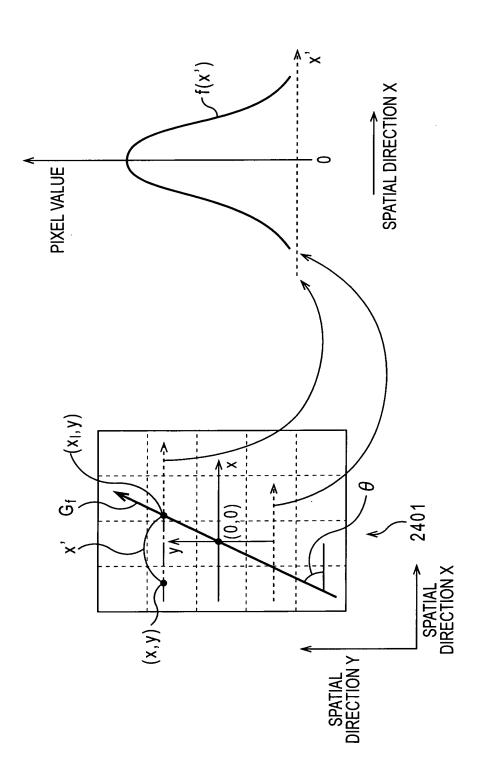


FIG. 79

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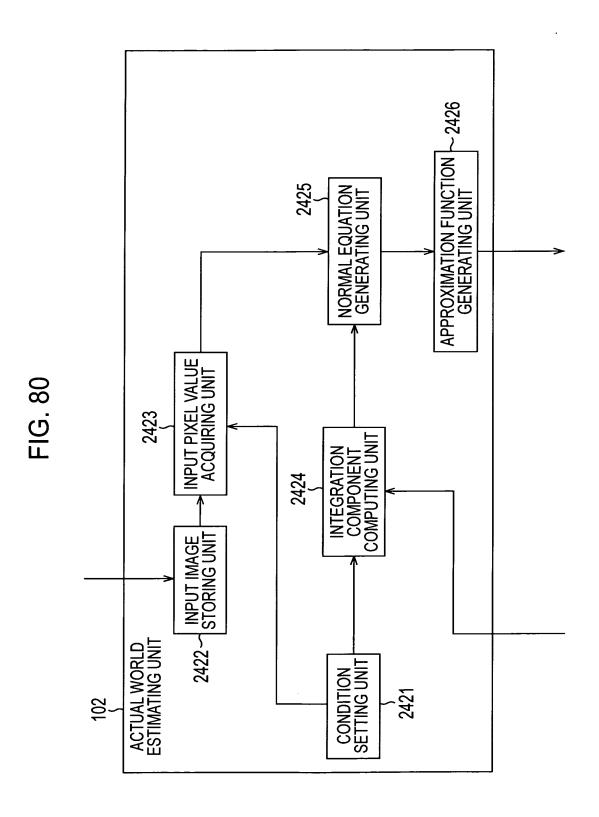


FIG. 81

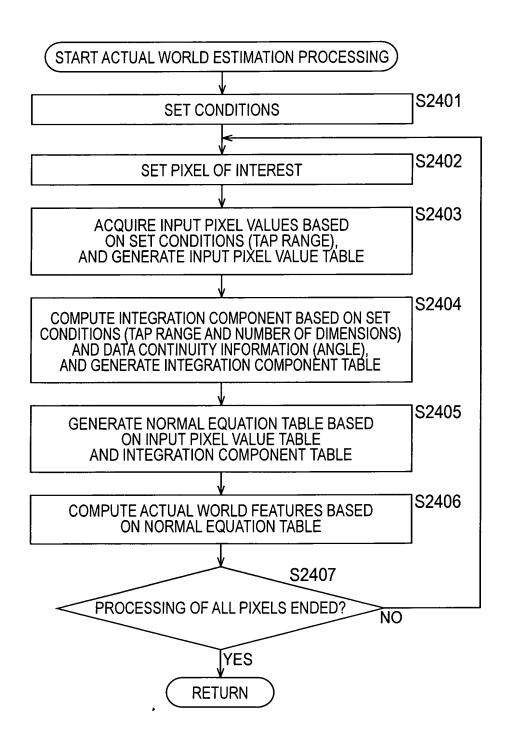


FIG. 82

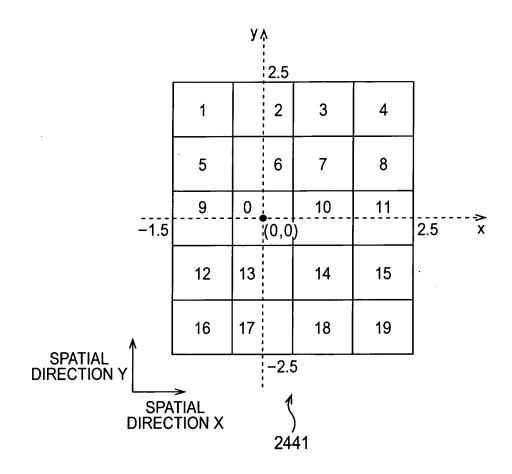
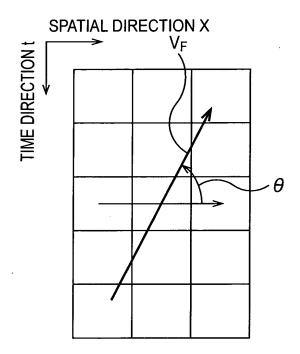


FIG. 83



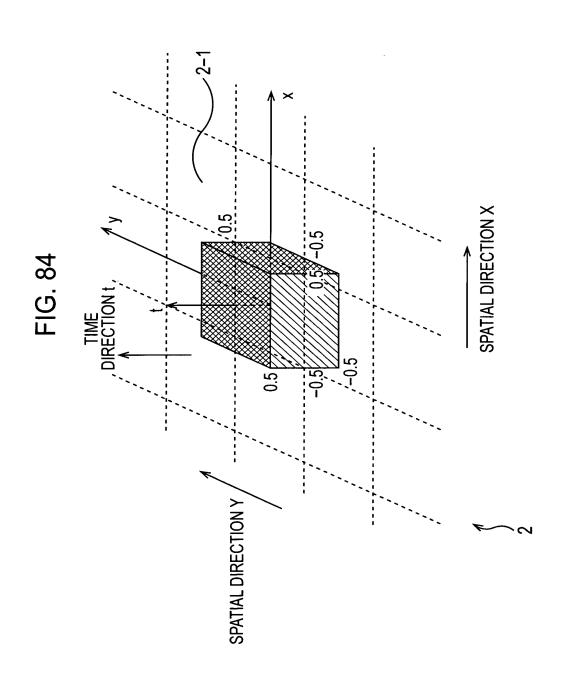


FIG. 85

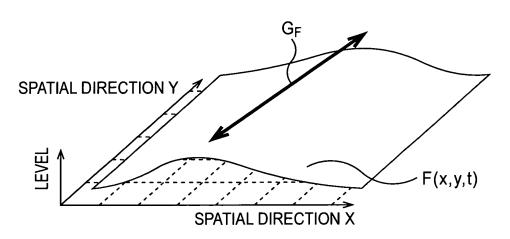
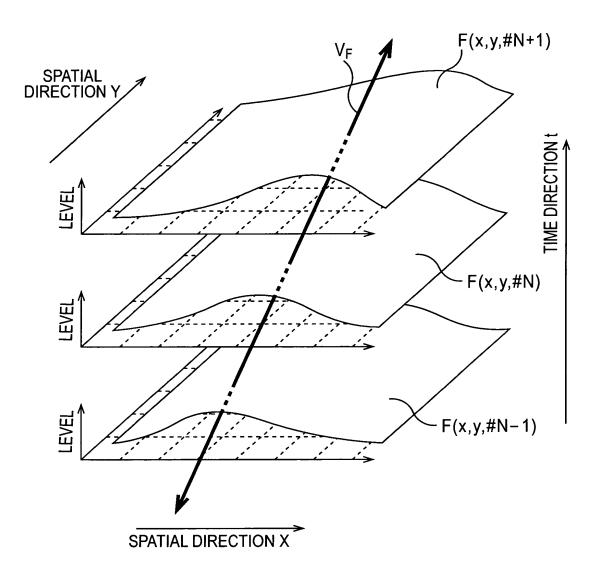


FIG. 86



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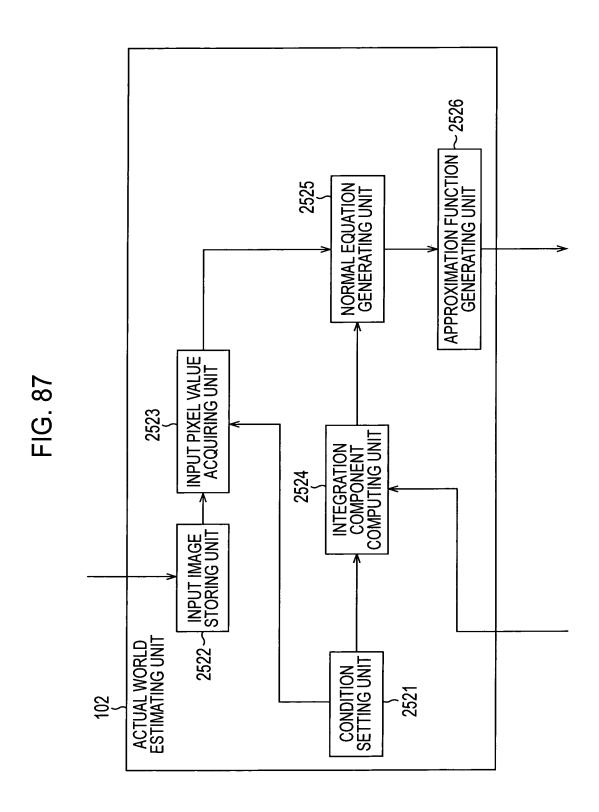
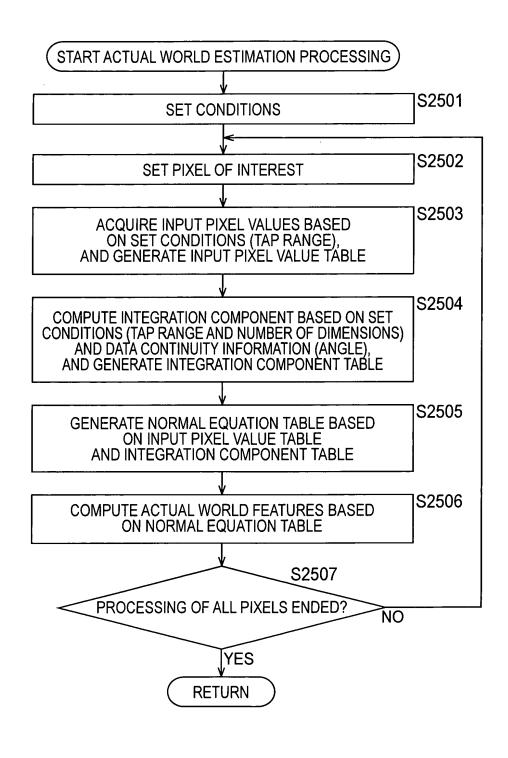


FIG. 88



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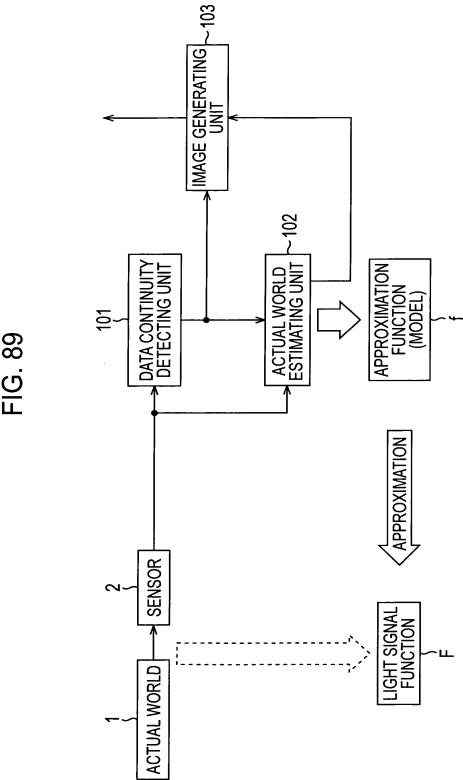


FIG. 90

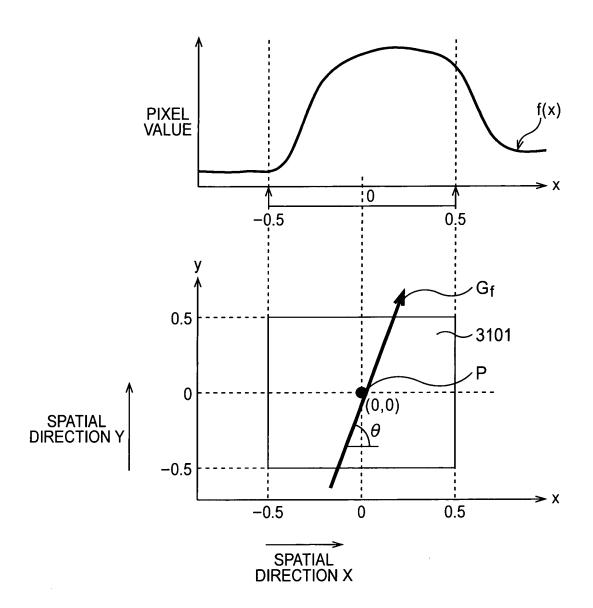
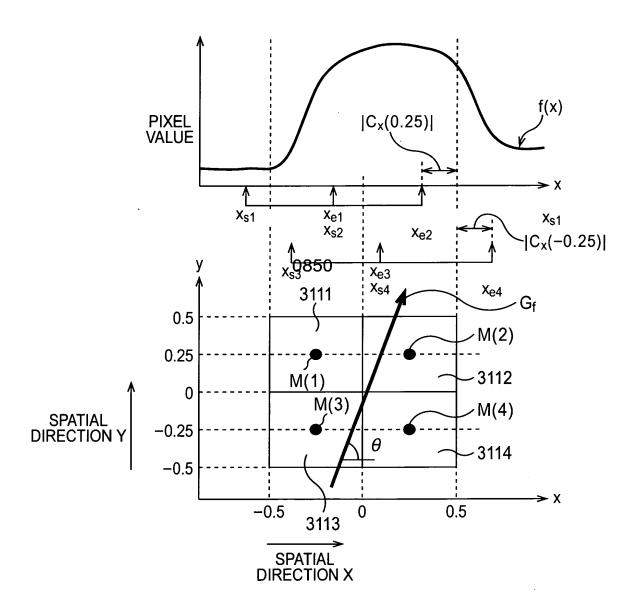


FIG. 91



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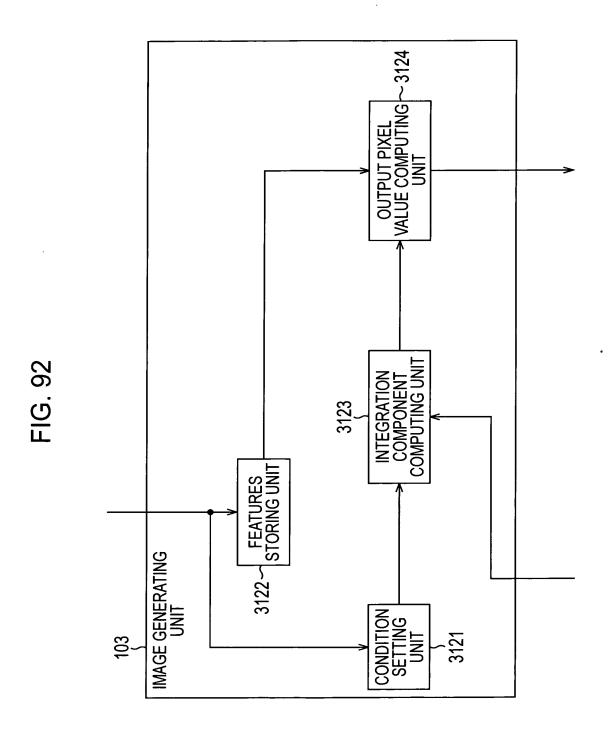
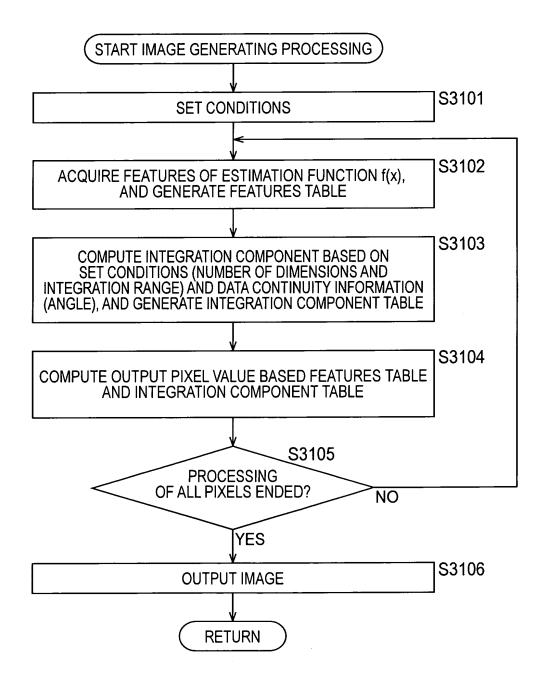


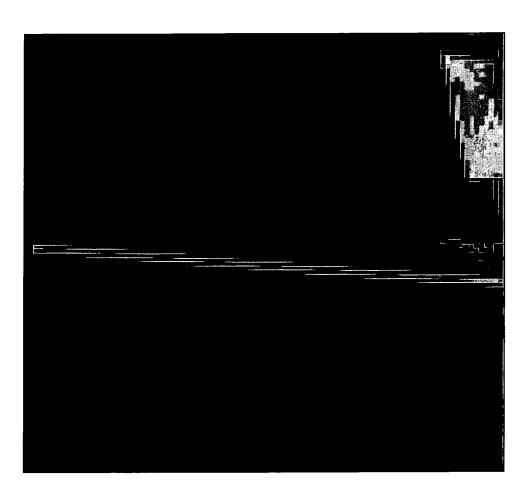
FIG. 93



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=1G. 94

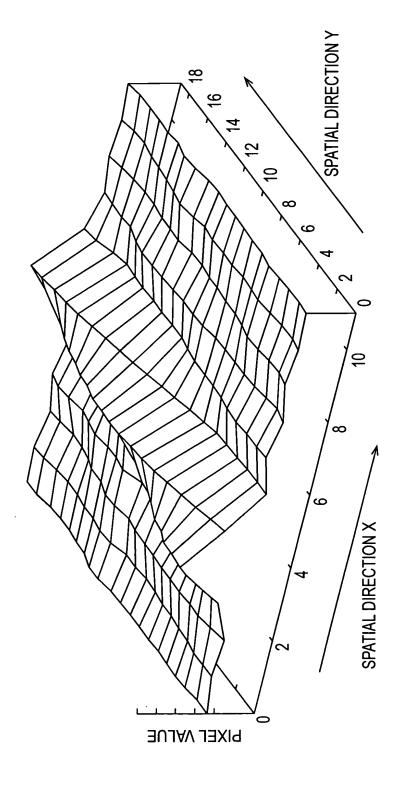


FIG. 95

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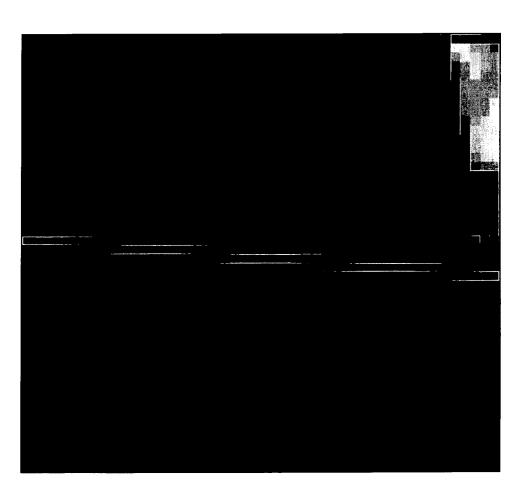


FIG. 96

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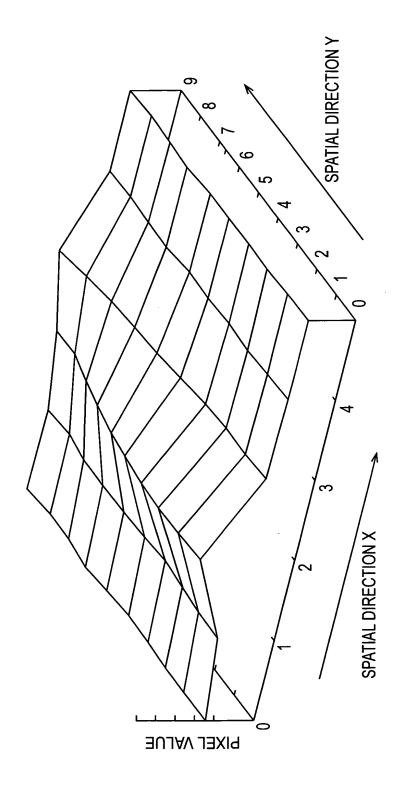


FIG. 97

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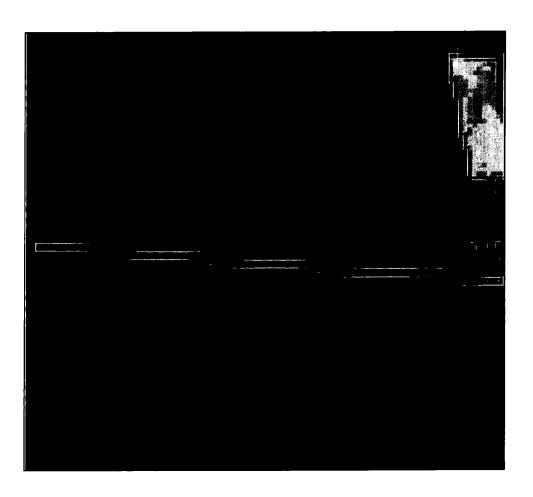


FIG. 98

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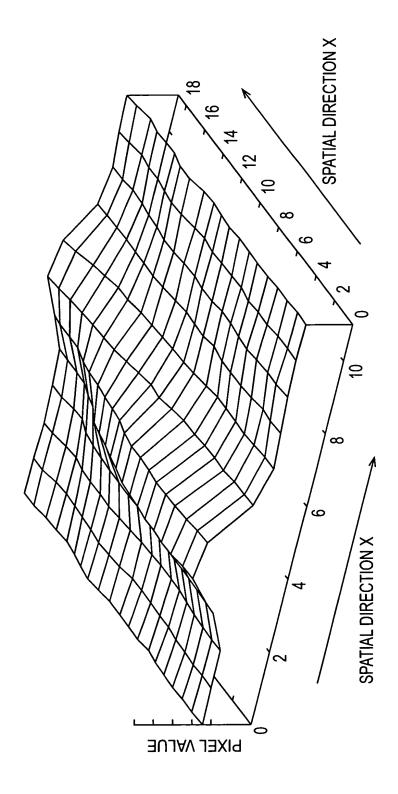
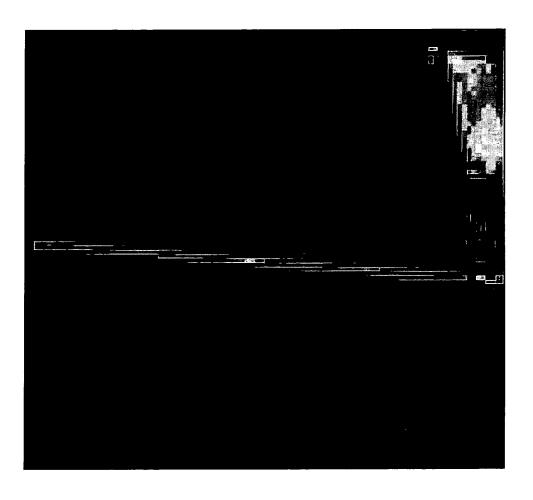


FIG. 99

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<u>-1G. 100</u>

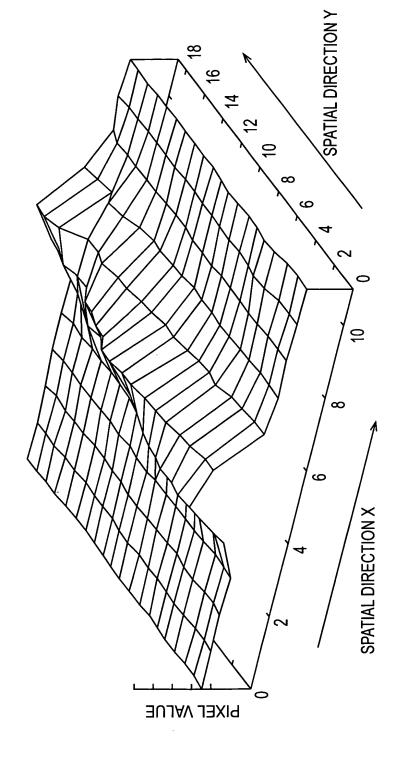
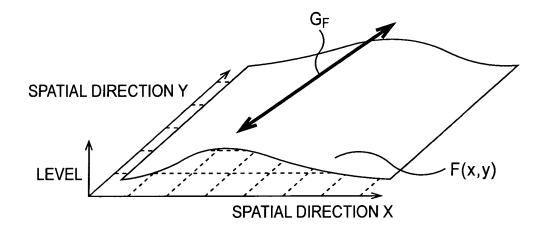
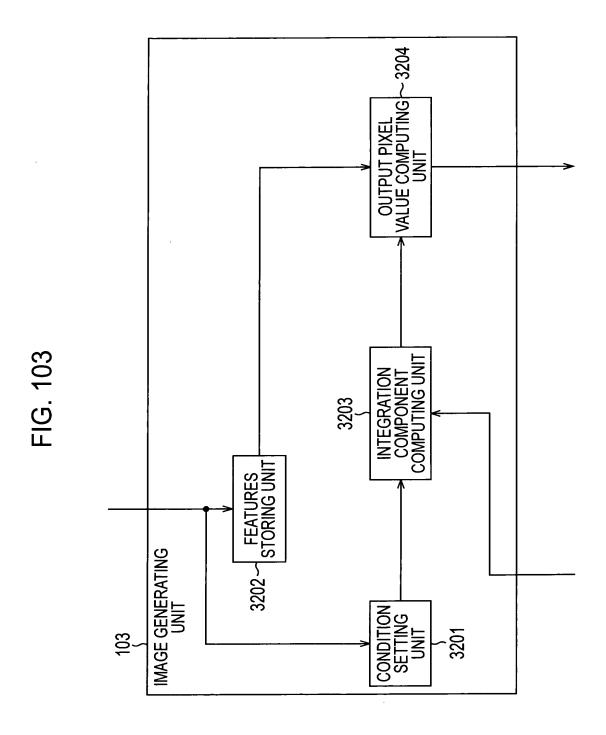


FIG. 101

FIG. 102



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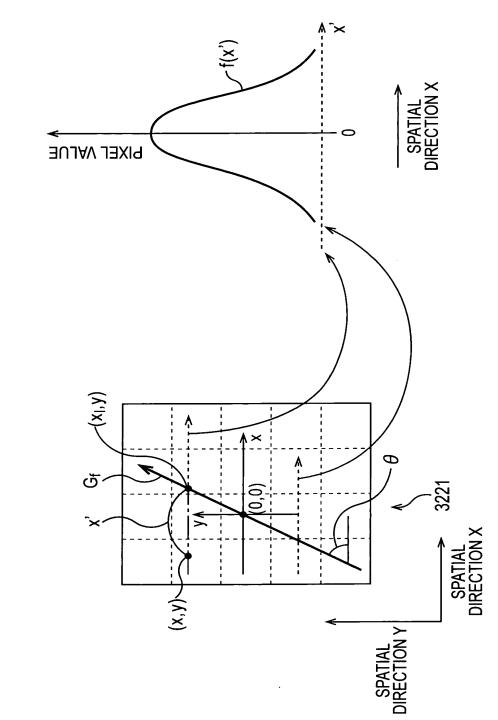


FIG. 104

FIG. 105

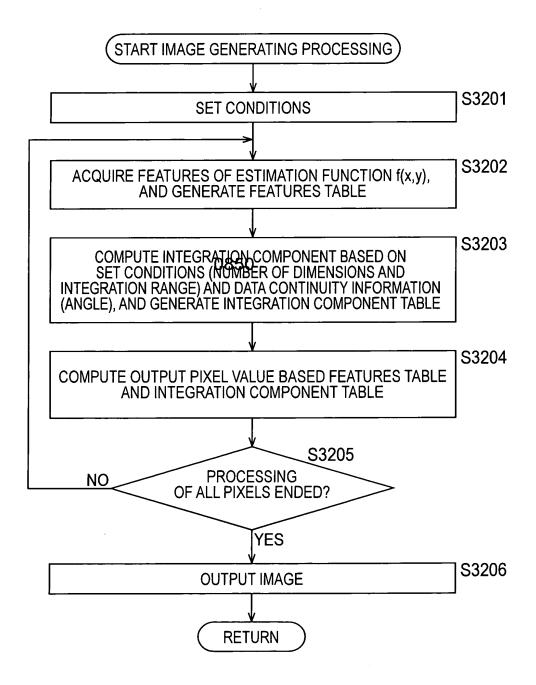


FIG. 106

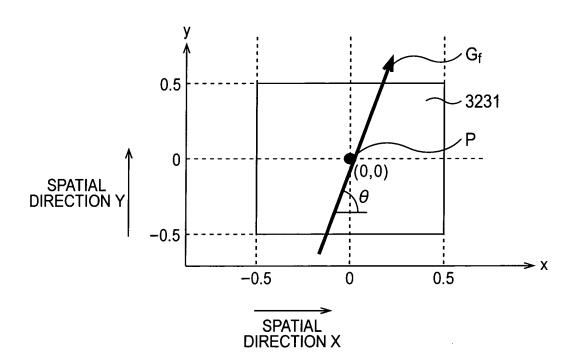


FIG. 107

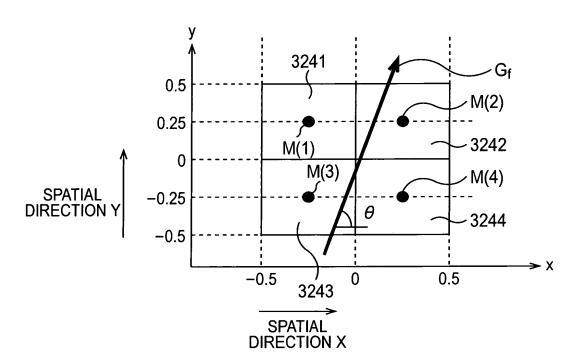
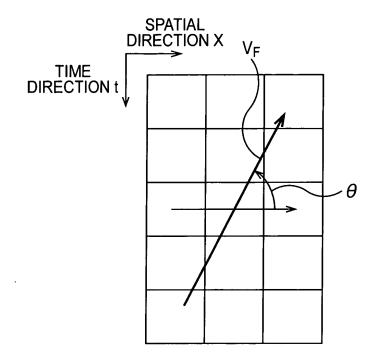


FIG. 108



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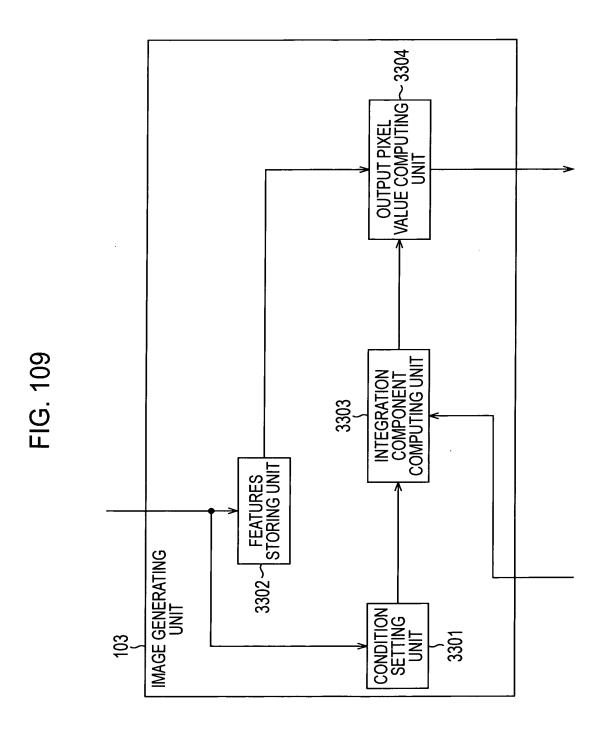
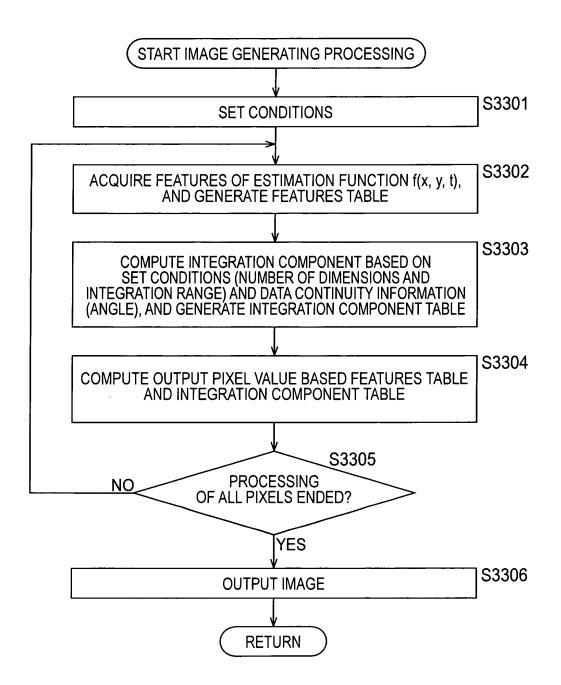


FIG. 110



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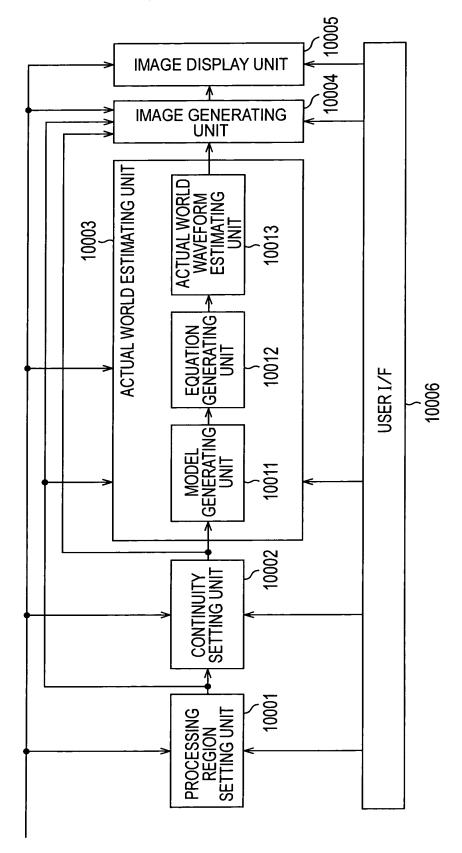
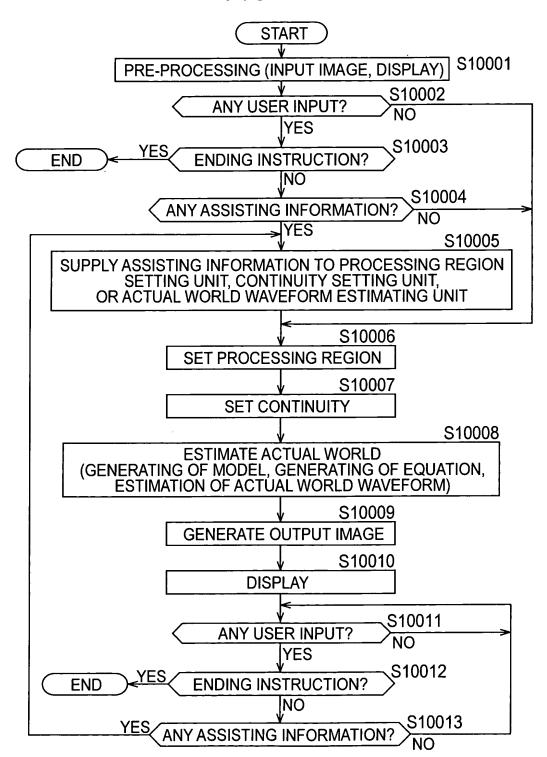


FIG. 111

FIG. 112



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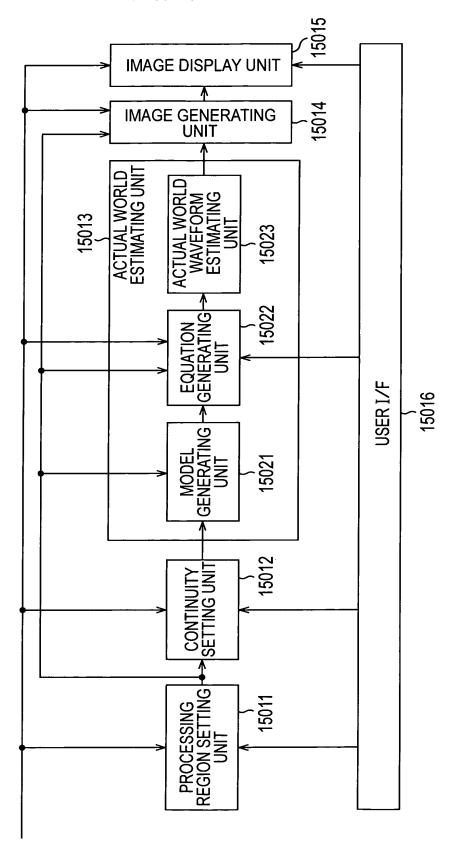


FIG. 113

FIG. 114

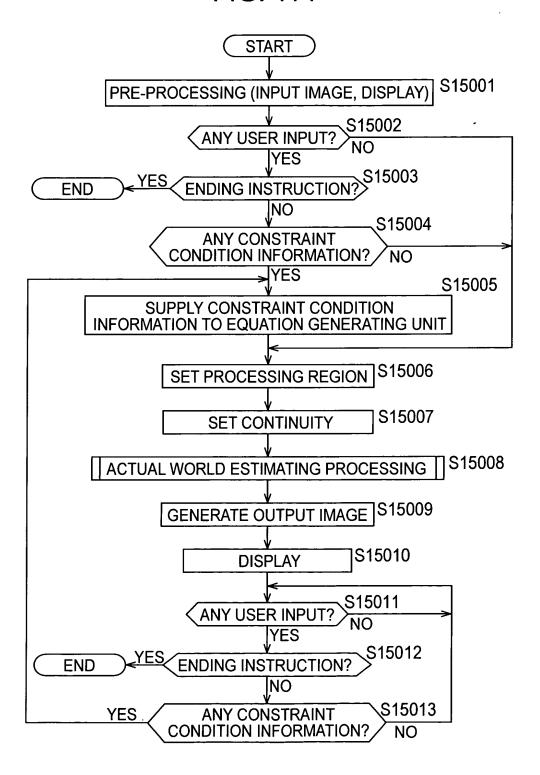
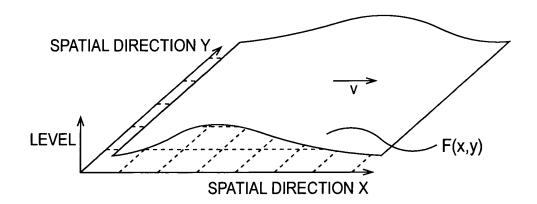
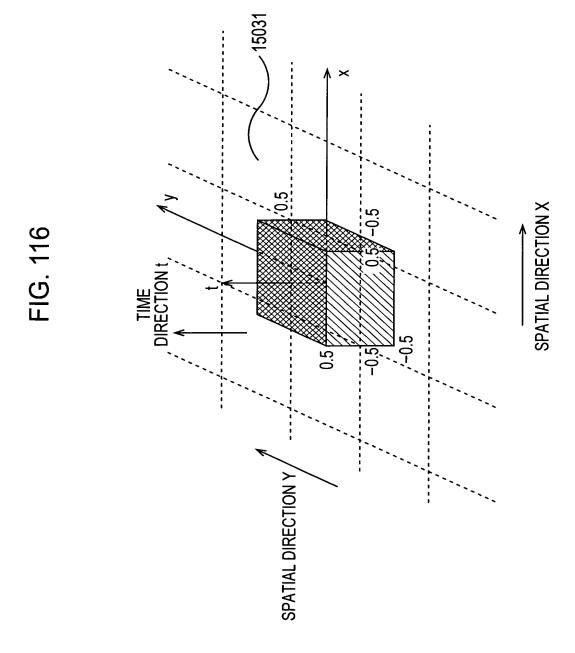


FIG. 115





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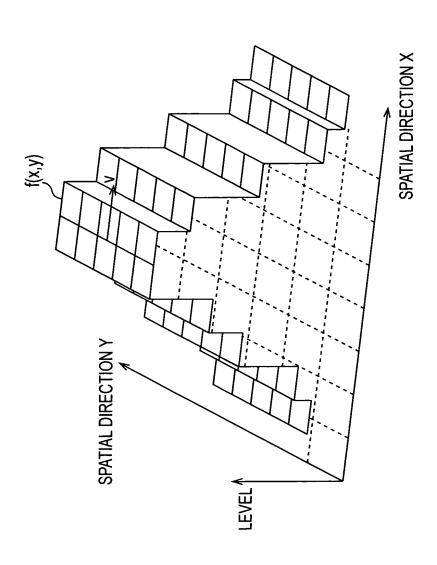
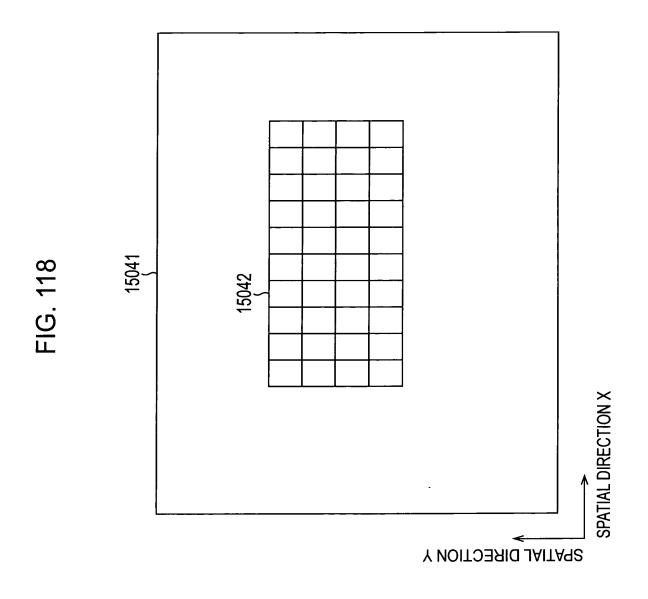
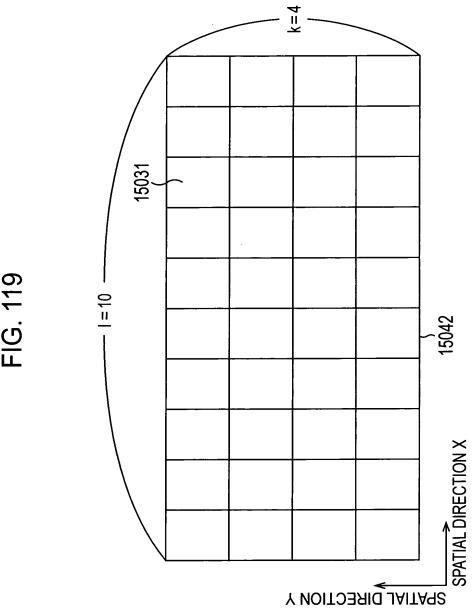


FIG. 117

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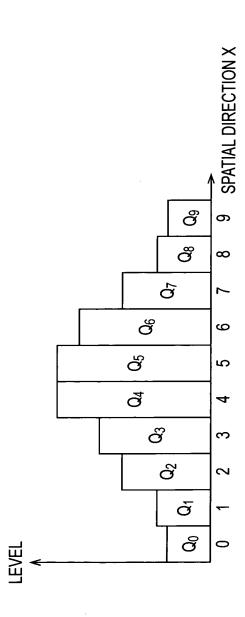


FIG. 120

FIG. 121

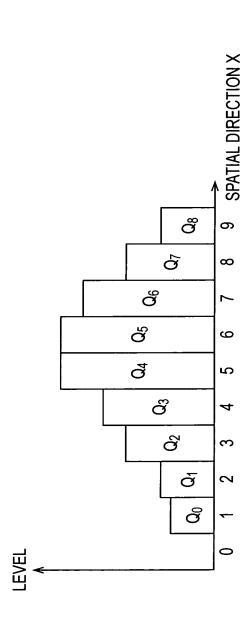
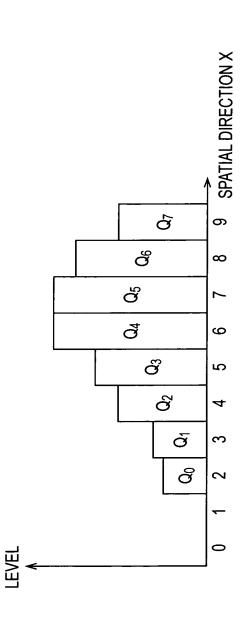
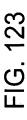
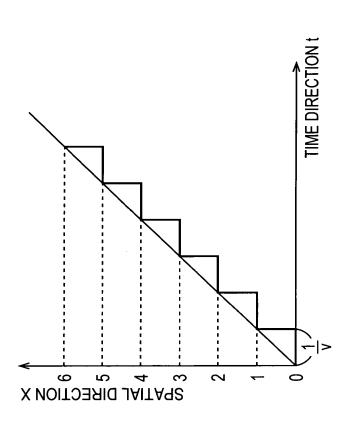


FIG. 122







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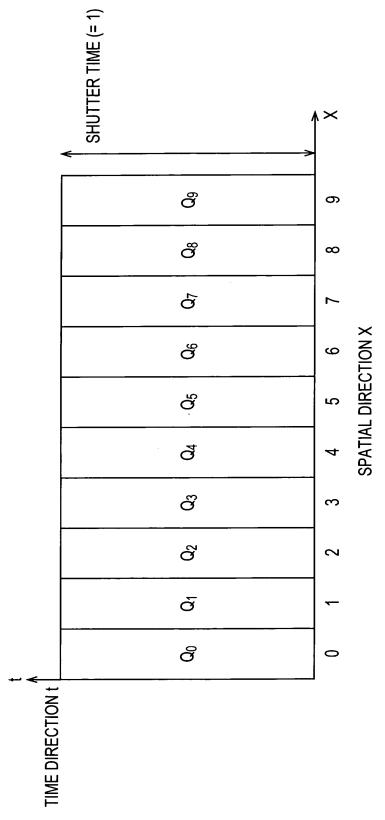


FIG. 124

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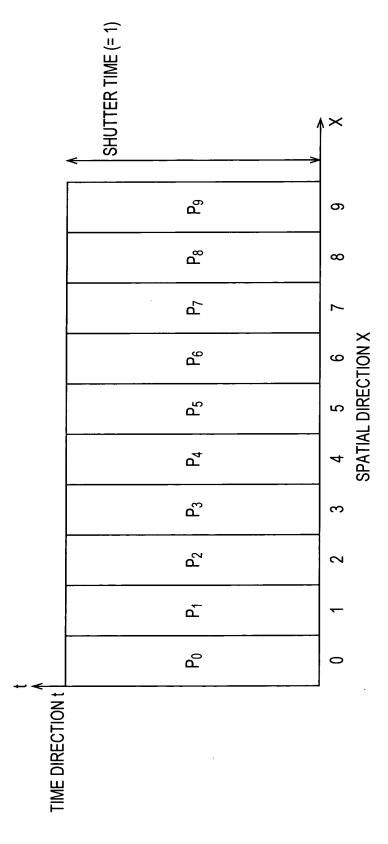


FIG. 125

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^ ზ Q5/v | Q6/v | Q7/v δ Q6/v Q7/v Q8/v ∞ Q4/v Q4/< Q3 / < Q₅/< 9 Q₅/ < Q₂/ v Q3/ v 2 Q₂/ < 03/ Q3/v Q4/v Q₀/v | Q₁/v က \sim 0 TIME DIRECTION t

FIG. 126

%√ % ~ % <u>></u> ୧୭ တ Q₇/ < Q₅/ < ∞ Q₇/ v **0**4∕ Q₅ / < 02/1 04/ 2 ۷/۲۵ Q3 / < Q₂/ < Q3/v Q4/v က ٧/١٥ Q₂/ v >° √° S₀ < 2 ۷/۵ 0 TIME DIRECTION t

FIG. 12

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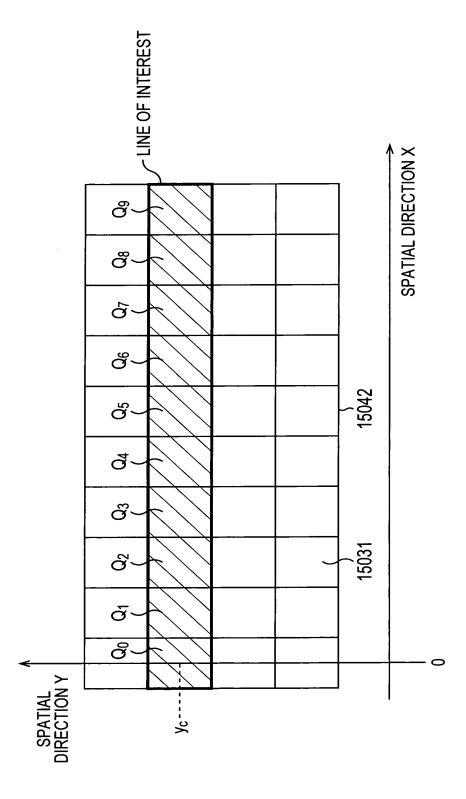


FIG. 128

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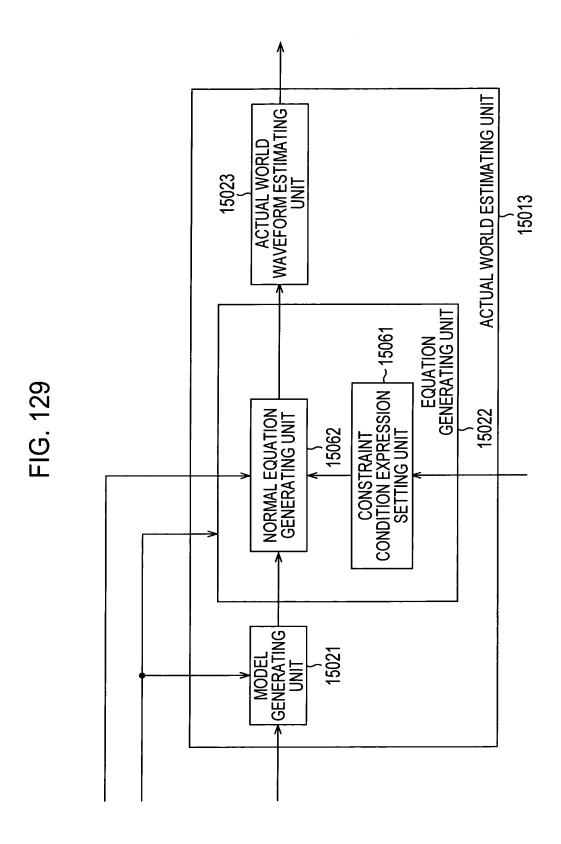


FIG. 130

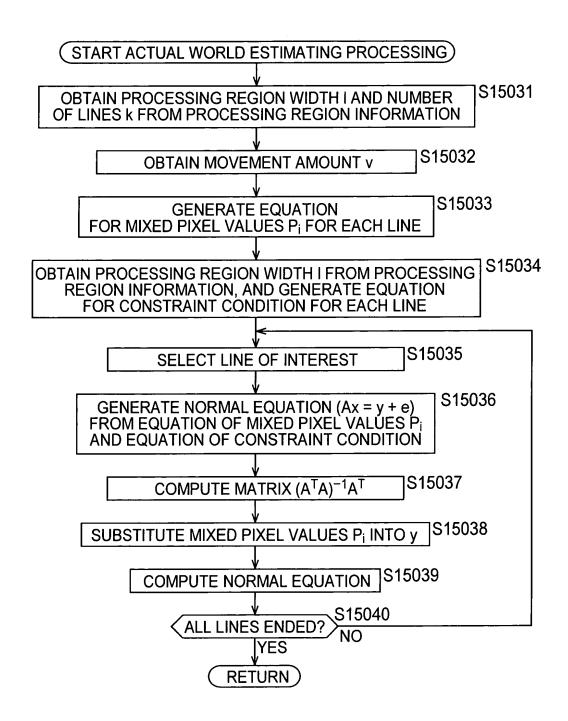


FIG. 131

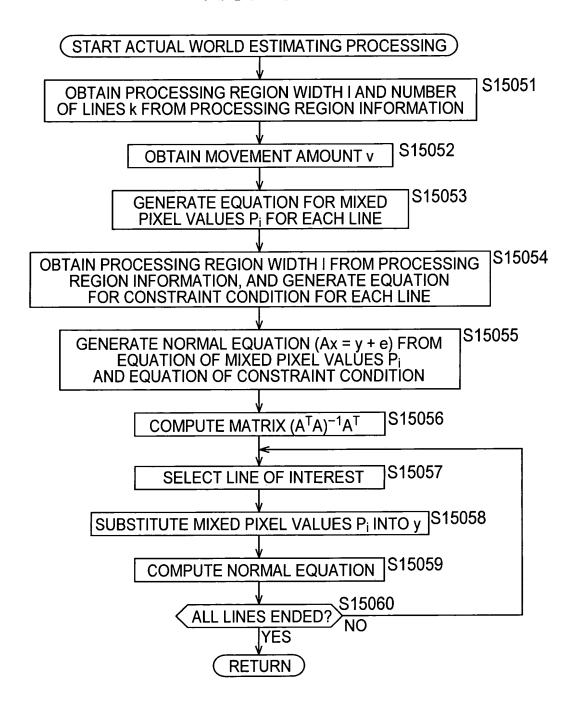


FIG. 132

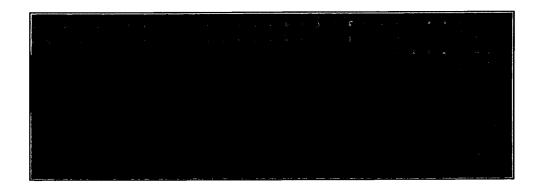


FIG. 133

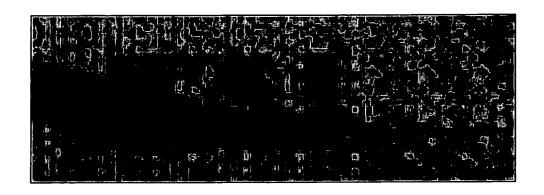
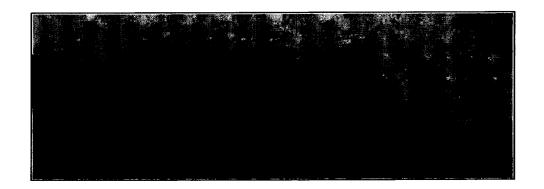


FIG. 134



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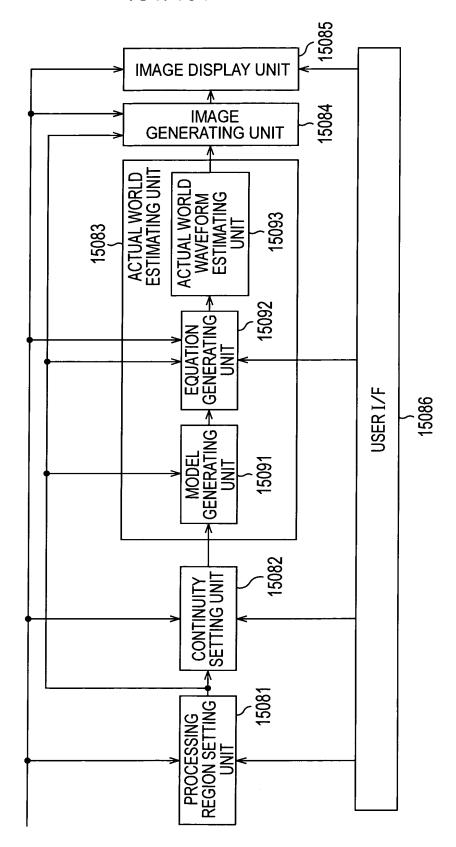
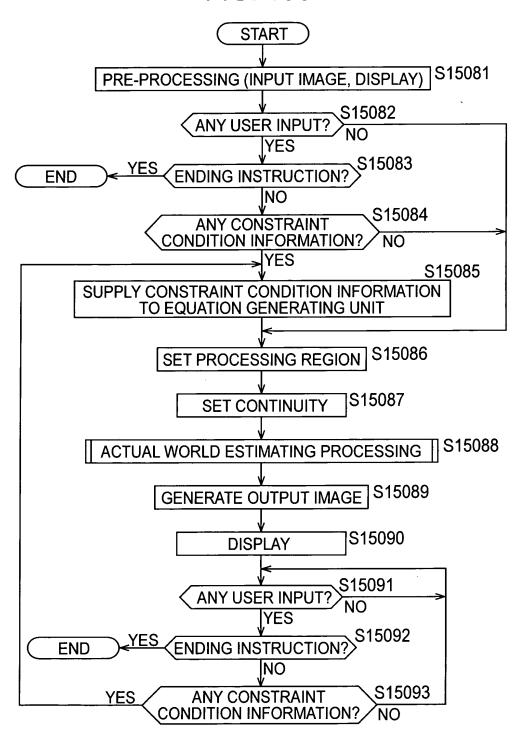


FIG. 139

FIG. 136



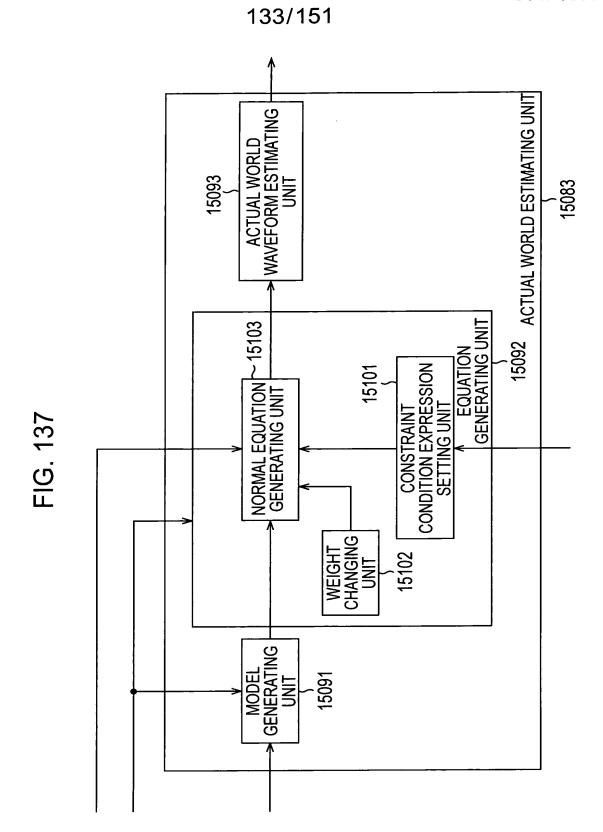


FIG. 138

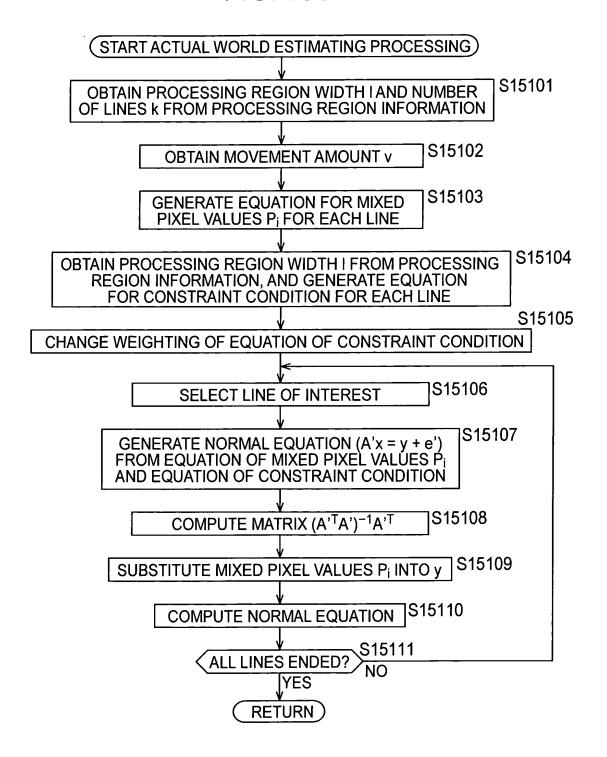
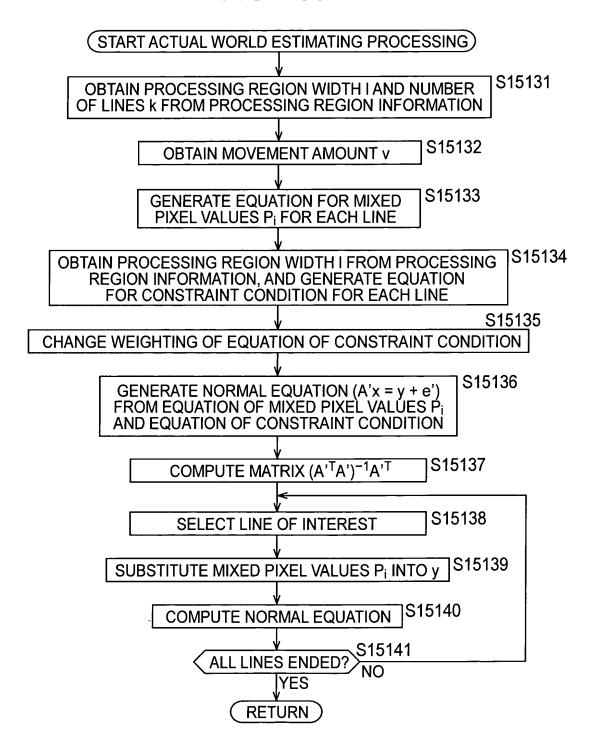


FIG. 139



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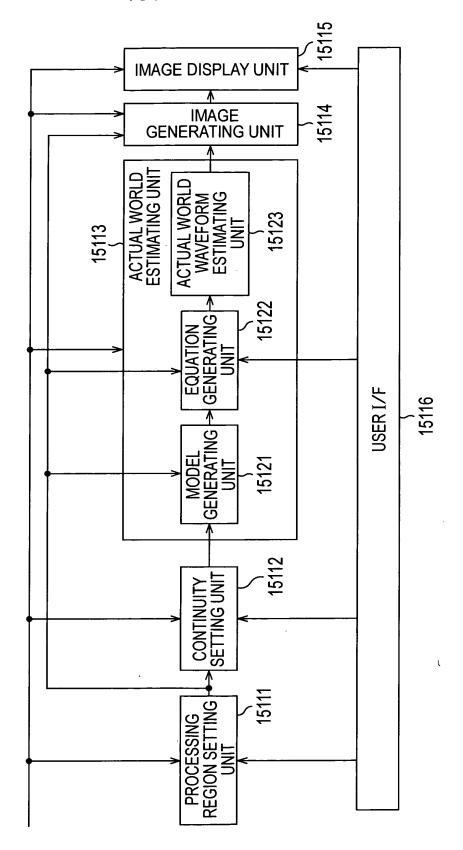
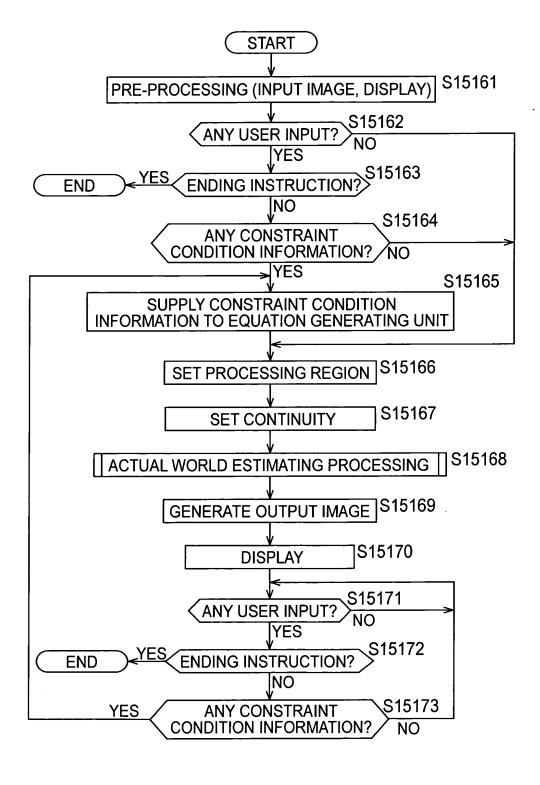


FIG. 140

FIG. 141



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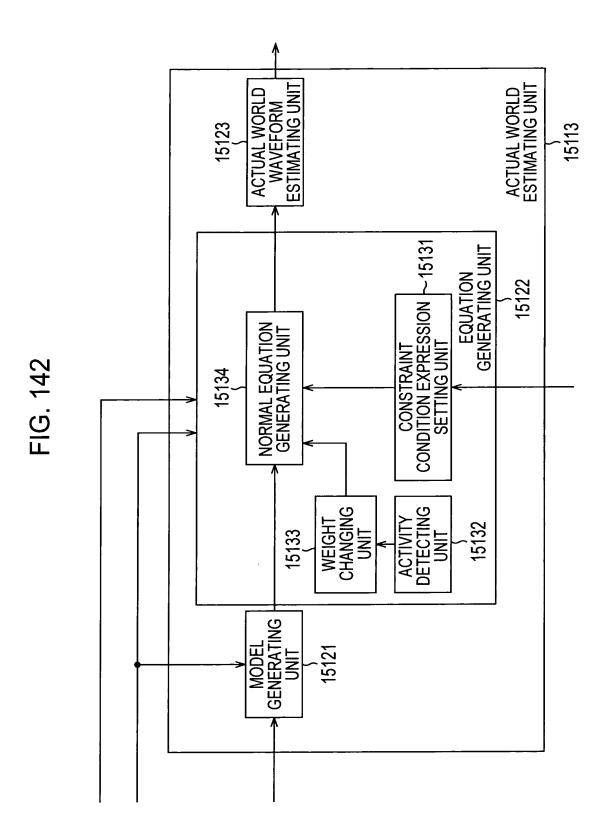


FIG. 143

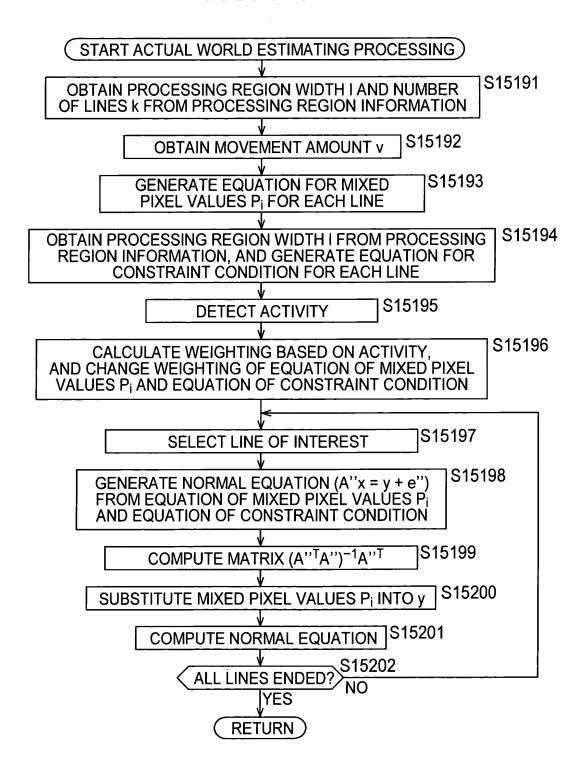


FIG. 144

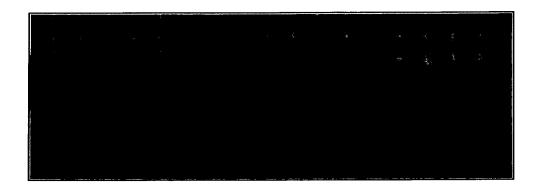


FIG. 145

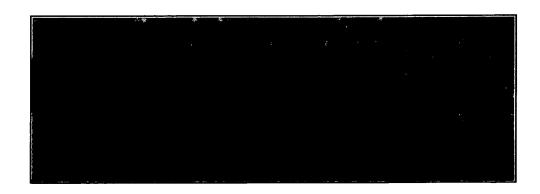
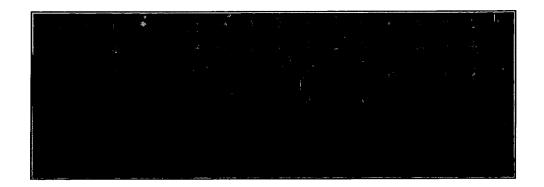


FIG. 146



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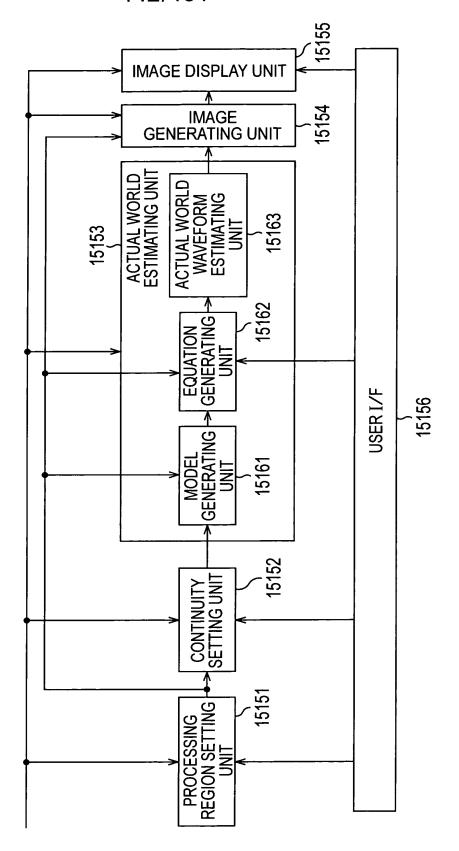
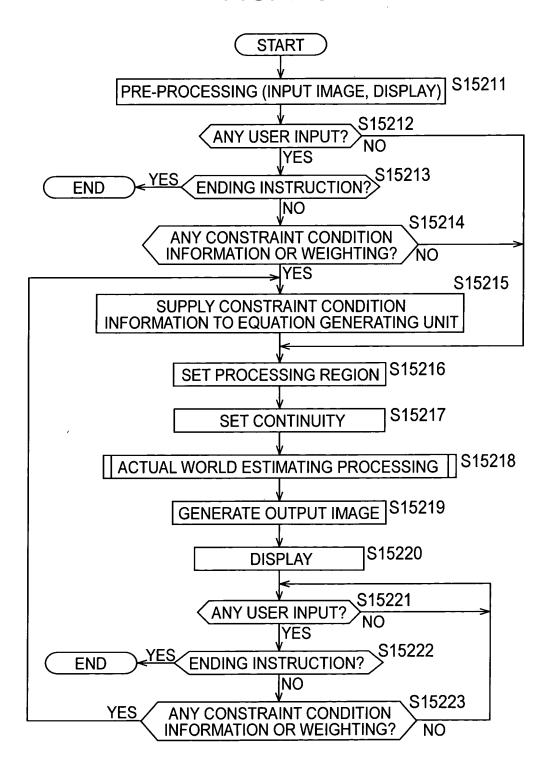


FIG 147

FIG. 148



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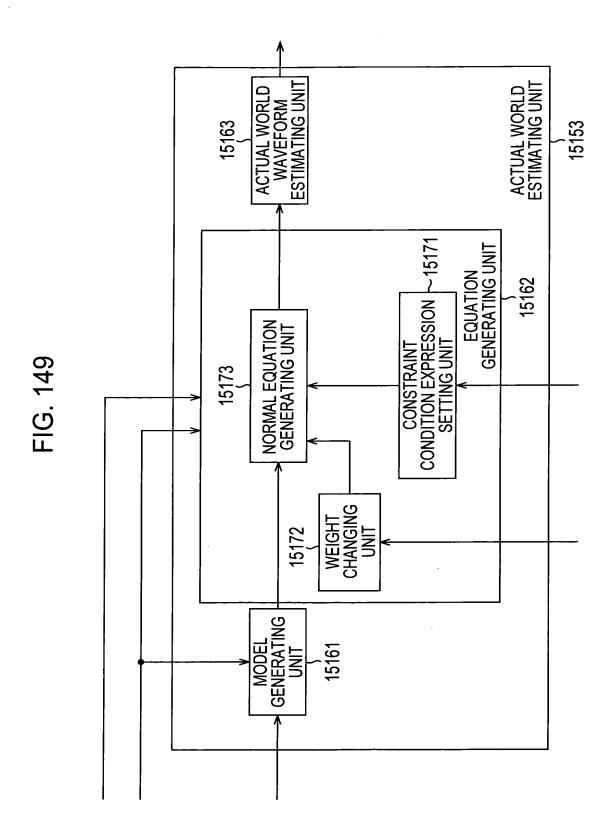


FIG. 150

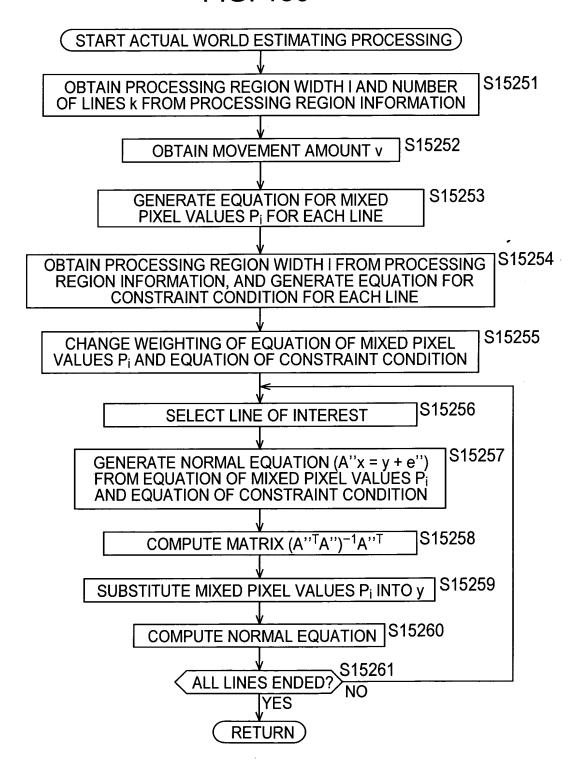
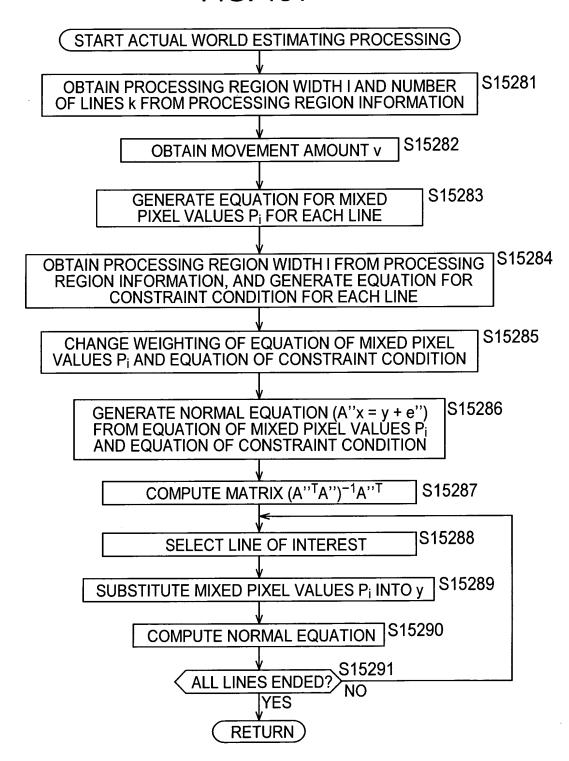


FIG. 151



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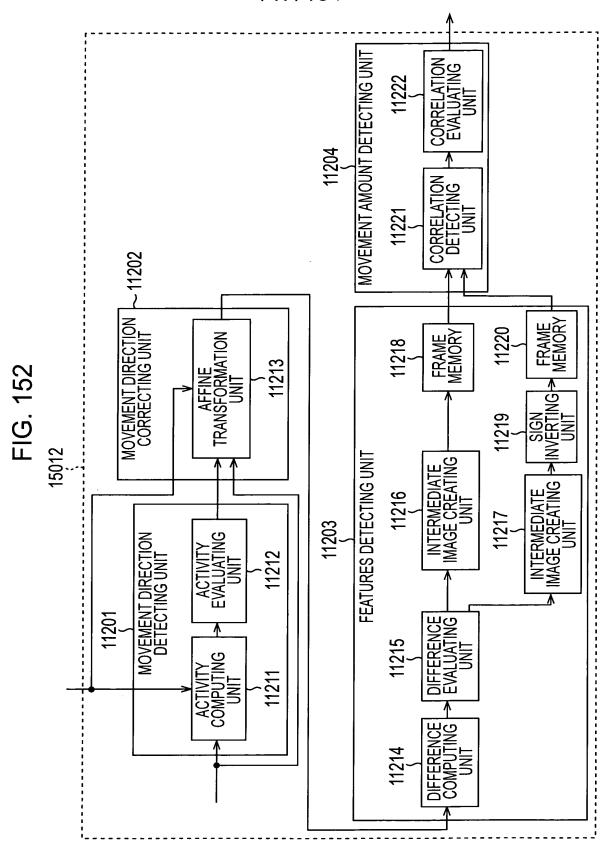


FIG. 153

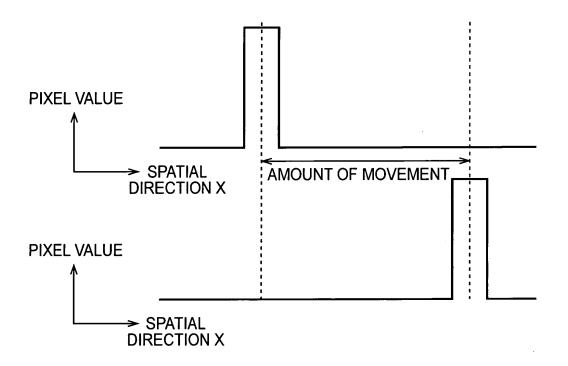


FIG. 154

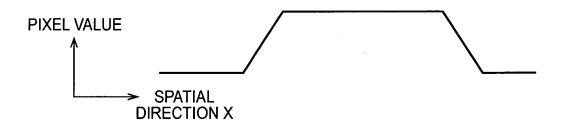


FIG. 155

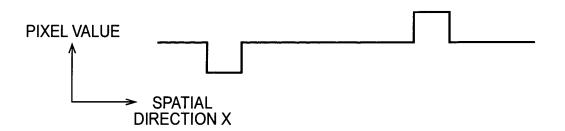
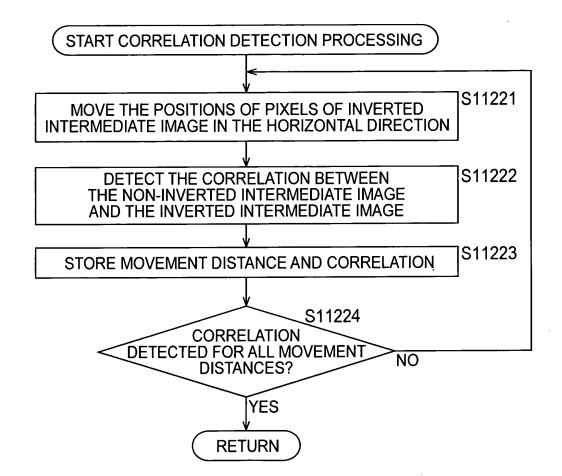


FIG. 156

START MOVEMENT AMOUNT DETECTION PROCESSING	
V	7044004
ACQUIRE INPUT IMAGE]S11201
<u> </u>	7044000
COMPUTE ACTIVITY]S11202
<u></u>	7044002
OBTAIN DIRECTION OF MOVEMENT]S11203
<u> </u>	7044204
CONVERT INPUT IMAGE SO THAT THE DIRECTION OF MOVEMENT IS HORIZONTAL	S11204
	-
COMPUTE DIFFERENCE VALUE OF PIXEL VALUES AS TO PIXEL ADJACENT IN THE HORIZONTAL DIRECTION, FOR EACH PIXEL IN THE INPUT IMAGE	S11205
<u> </u>	7044006
SORT DIFFERENCE VALUES BASED ON THE SIGN OF THE DIFFERENCE VALUES	S11206
	¬S11207
GENERATE AN INTERMEDIATE IMAGE OF POSITIVE DIFFERENCE VALUES	311201
<u> </u>	7044000
GENERATE AN INTERMEDIATE IMAGE OF NEGATIVE DIFFERENCE VALUES	S11208
V	7011200
INVERT THE SIGN OF THE NEGATIVE DIFFERENCE VALUES	311209
CORRELATION DETECTION PROCESSING	\S11210
CONTRACTOR DE LEGITORI ROCEGUIRO	J
SELECT STRONGEST CORRELATION	S11211
	J
SET MOVEMENT DISTANCE CORRESPONDING TO STRONGEST CORRELATION AS THE MOVEMENT AMOUNT	\S11212
V	_
OUTPUT MOVEMENT AMOUNT]S11213
	_
END	

FIG. 157



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